MAPYX LIMITED

Digital Mapping Solutions

The Complete Quo Users Guide

Version 1

Land & Property Services. Ordnance Survey of Northern Ireland

Ordnance Survey

Ordnance Survey Ireland

National Mapping Agency

Mountain Rescue England & Wales

Official GIS & Digital Mapping Partner

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1.0 INTRODUCTION

1.1 Introduction

Mapyx Limited is a UK registered company specialising in Geographical Information Solutions (GIS).

Mapyx is a leading exponent of GIS solutions having developed bespoke software for individual, commercial businesses, governments and military organisations.

Mapyx is best known for its successful 'Quo' software which has received numerous awards and recognition as the leading digital mapping software of choice for private individuals, commercial businesses and search professionals.

Quo is a sophisticated GIS solution providing advanced functionality for digital mapping. Quo was originally a commercial use only system and provided the foundation for numerous development projects for business, military and governments. In 2006, Mapyx released the Personal User Licence version of Quo to the UK. It is now the de facto choice for both professional and personal users.

This Complete Quo Users Guide takes you from complete beginner to advanced user. The Guide walks you through all Quo functions to assist you in getting the most out of the Quo system. The Guide follows the menu functions from top left and works through each function.

Sections 3.0 and 4.0 provide the essentials of Getting Started with Quo. Section 5.0 onwards, describes the full functionality of the Quo system, menu by menu.

If you have any questions or queries, you can call us on our UK helpline on 0844 3577734.

2.0 KEYBOARD SHORTCUTS

Keyboard Shortcut	Description.
CTRL+N	New project.
CTRL+O	Open project.
CTRL+SHIFT+O	Add to existing project.
CTRL+S	Save project.
CTRL+P	Print.
CTRL+I	Import data.
CTRL+E	Export project.
CTRL+Q	Quit application.
CTRL+Z	Undo.
CTRL+SHIFT+Z	Redo.
CTRL+ X	Cut.
CTRL+ C	Copy.
CTRL+ V	Paste.
DEL	Delete.
CTRL+ A	Select all points (project points grid only)
F1	Show help.
F2	Print view area.
F3	Show Search tab in Explorer window.
F4	Show Jump to Coordinate window.
F5	Show/ hide Explorer window.
F6	Show/ hide Navigation window.
F7	Show/ hide Drawing window.
F8	Show/ hide history window.
F9	Show all.
F10	Hide all.
F11	Toggle full screen on/ off.
F12	Show Preferences window.
LEFT	Move map left.
RIGHT	Move map right.
UP	Move map up.
DOWN	Move map down.
CTRL+LEFT	Move mouse cursor left.
CTRL+ RIGHT	Move mouse cursor right.
CTRL+ UP	Move mouse cursor up.
CTRL+ DOWN	Move mouse cursor down.
ESCAPE	Break current operation (drawing, selecting, …)
SPACE	Deactivate current active map object.
CTRL+ SPACE	Deactivate current active map object and create new one (activate).
PLUS (+)	Zoom in map.
MINUS (-)	Zoom out map.

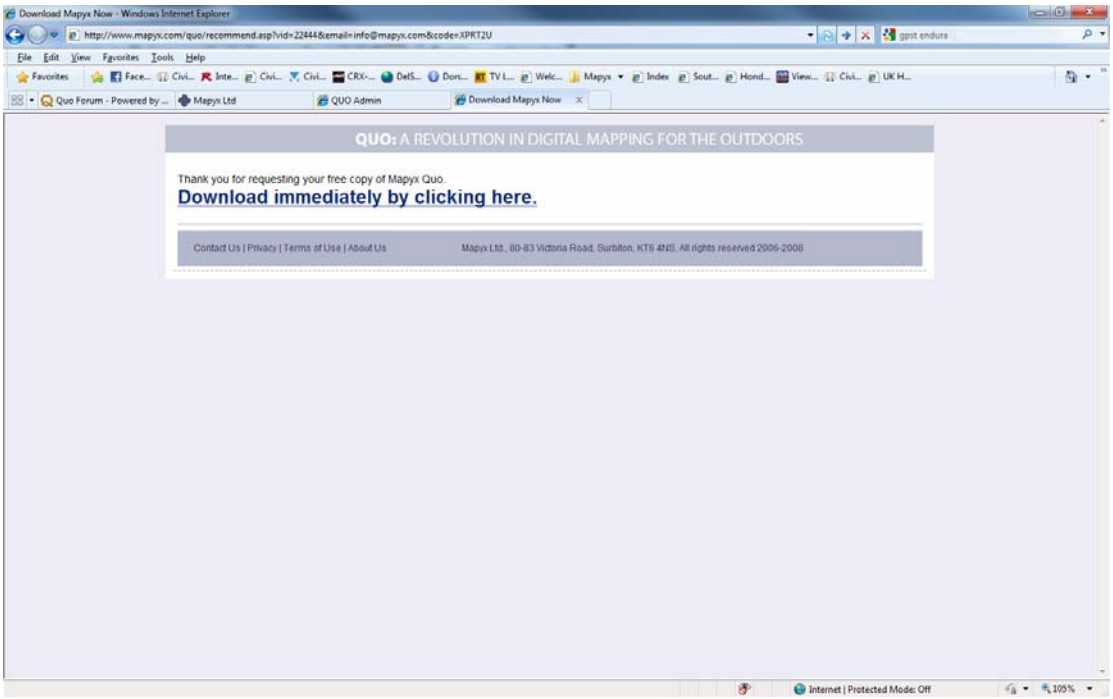
3.0 Downloading QUO.

To download Quo v2 go to www.mapyx.com and click on Free download Shown in Green.

This will then direct you to the download page which will request for your email.

Enter your email address and then click on ‘Get your free software now CLICK HERE’.

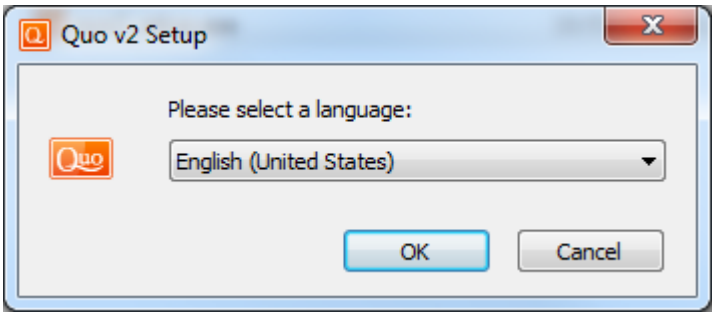
You will then be presented with the download page. If you click on download this will then allow you to save or run the file.



3.1. Installing Quo

Start by opening the location where you have downloaded the Quo v2 setup file and double clicking on it. Some versions of windows will ask if you want to Run or Cancel, to install Quo v2 setup you will need to click on Run.

You will then be presented with the Language selection screen.

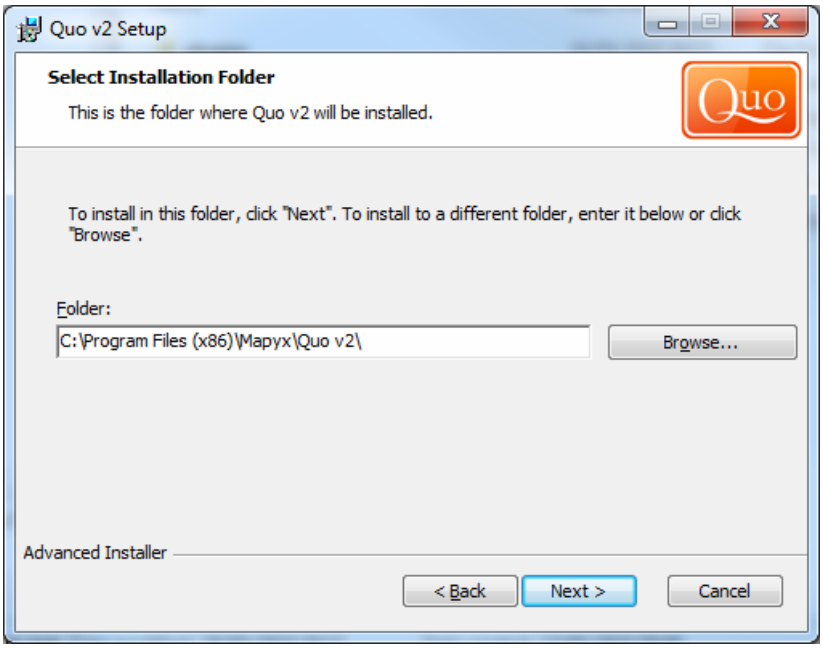


Select your language and click on ‘OK’.

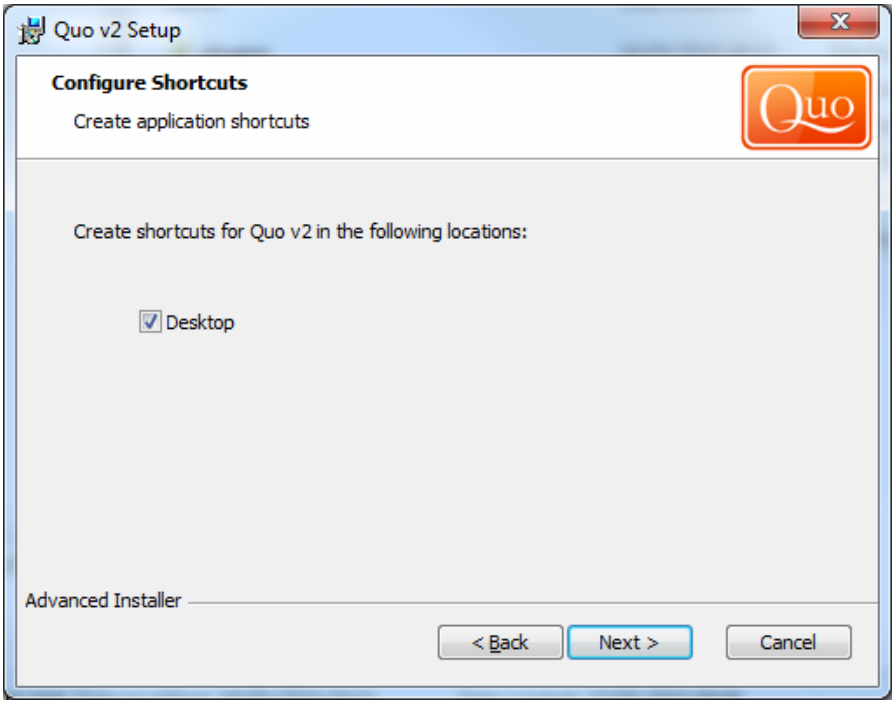
Quo v2 will then open up the setup wizard.

Click ‘Next’ to continue.

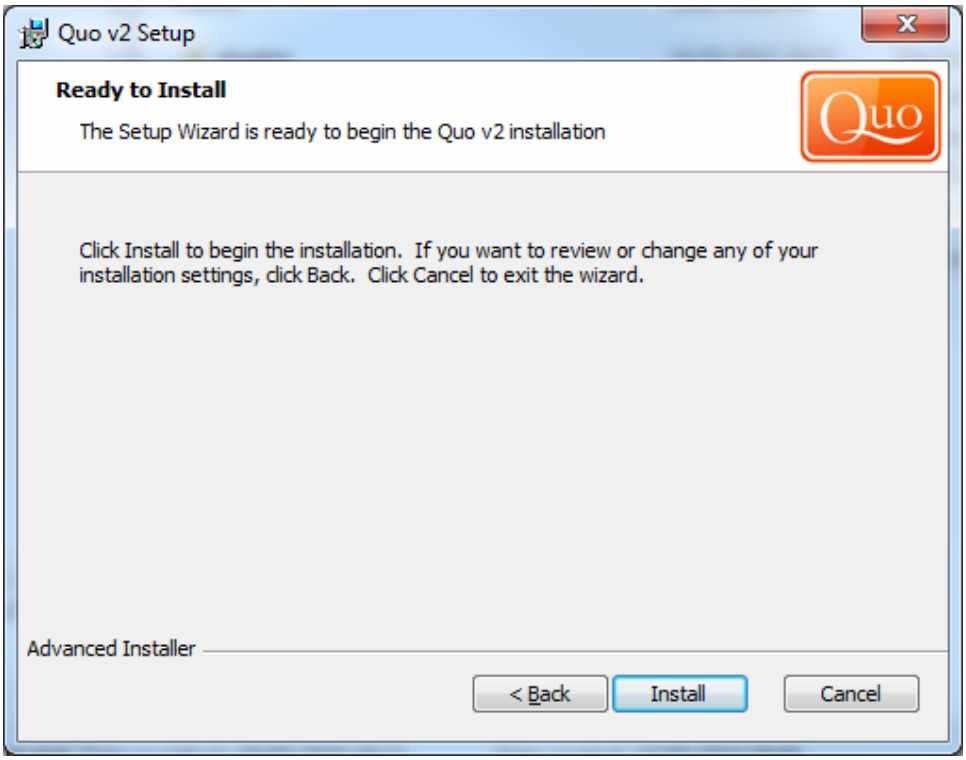
This is the licence agreement which you must accept and abide by to install the program. This agreement can also be found once installed by going to 'Help' then 'About'. If you accept the Agreement you will be presented with the next screen if you do not you will need to either click 'Back' or 'Cancel'. This will then terminate the install.



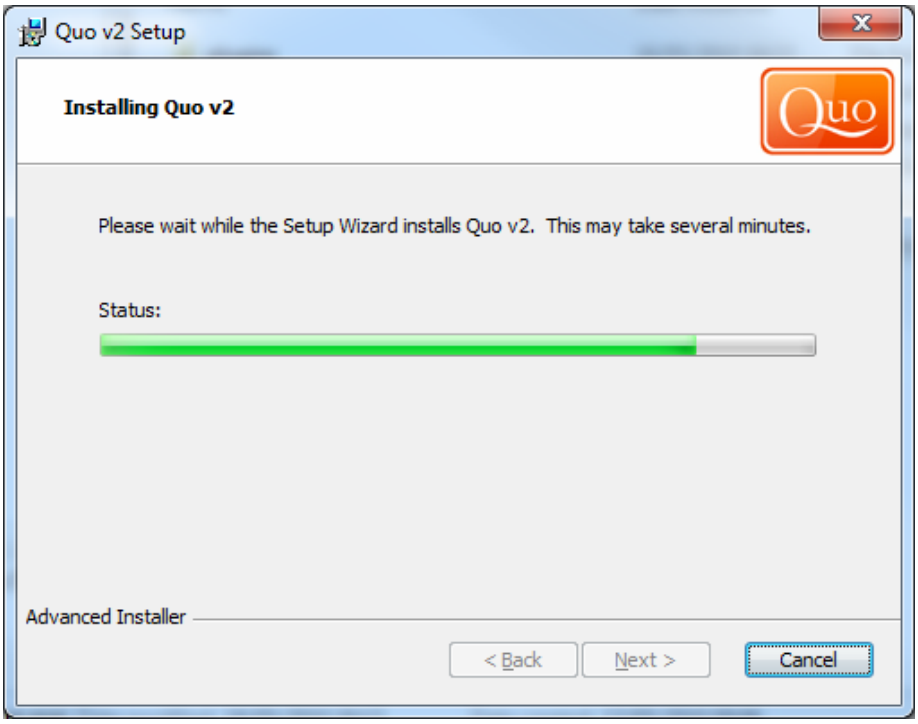
This screen allows you to install the maps into the location of your choice; the default location is automatically shown in the Folder section. To choose another location, this can be done by clicking on 'Browse'. Once you have selected the right file location for the installation the program click on 'Next'.



Here you can select which shortcuts you would like to install for Quo v2, once chosen click on ‘Next’.



This is the last chance to change any options before the install. To do this click back. If everything is correct click on ‘Install’. Quo v2 will now install.



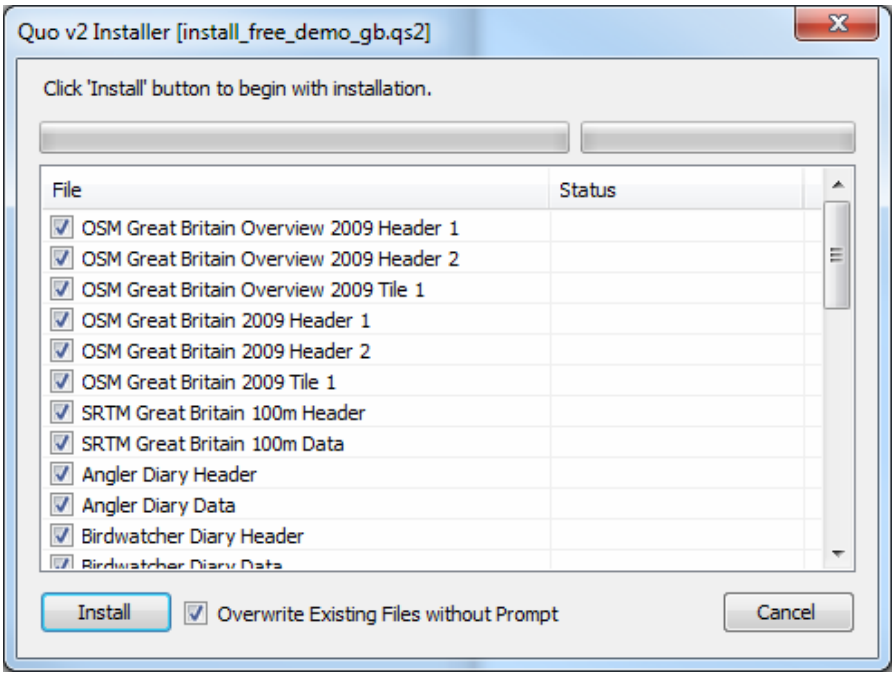
Once setup has completed you will be presented with the final screen.

There is an option to launch Quo v2 when you click on ‘Finish’.

3.2. Opening Quo for the first Time

When Quo v2 is opened for the first time you will be presented with ‘Welcome to Quo’.

If you do not have any maps to install, download the country you require for free maps, data and some demo maps, this will bring up the installer window.



The program will restart once you have installed the country if required.

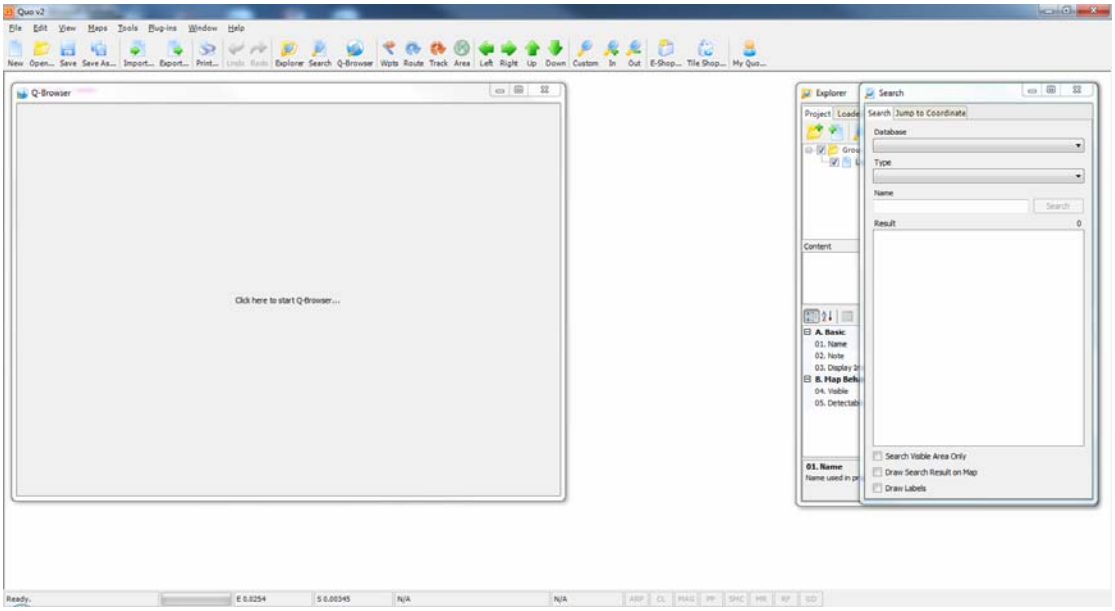
You can close the welcome screen on restart of the program, which will allow you to use the software.

4.0 GETTING STARTED with QUO.

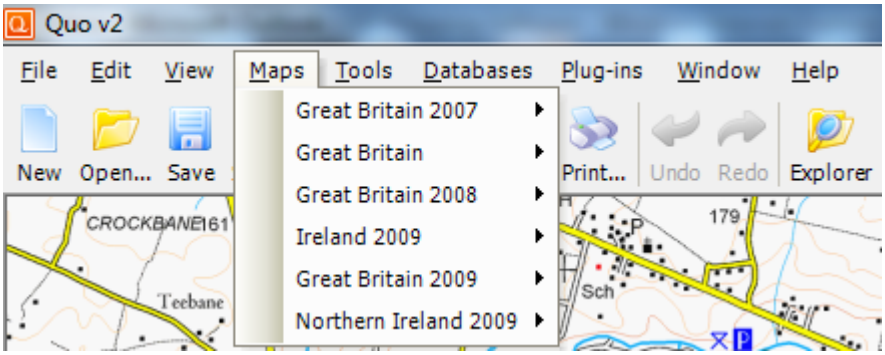
Quo enables the user to create map features such as Routes and Areas. It can display these on any map of the relevant location. These can be shared with other people, but the maps themselves remain with the user's copy of Quo. To share a walking map, both users will need to purchase the relevant map.
Many maps come in smaller tiles, so there's no need to buy maps for an entire region just to mark out one afternoon's stroll.

4.1. Displaying Maps

Quo opens with no maps installed unless you have installed a country from the welcome screen, in which case it will say no maps are loaded.

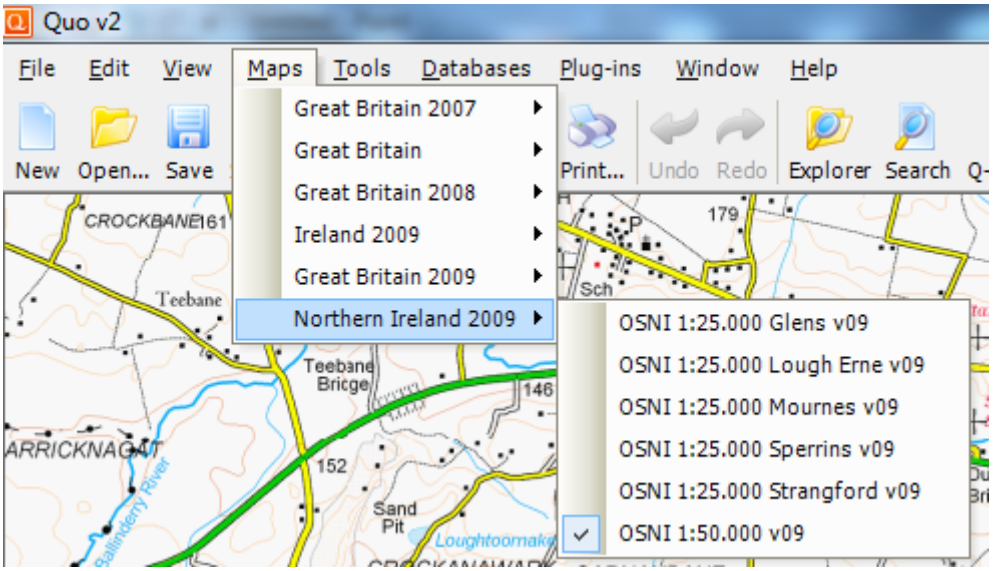


4.2. Loading Maps



This menu is where to load purchased, free or demo maps into Quo.

Select the country and the year of the maps to get a sub menu appear as shown below.



Click on the map you would like to load and a tick will then appear to the left to show that it is loaded. 'Explorer' will also open when you select a map you wish to load.

4.3. Navigating the Map

Once maps are displayed, it's easy to move about it, zooming in and out as required using the buttons as indicated or with the mouse wheel.(If mouse is fitted with one).

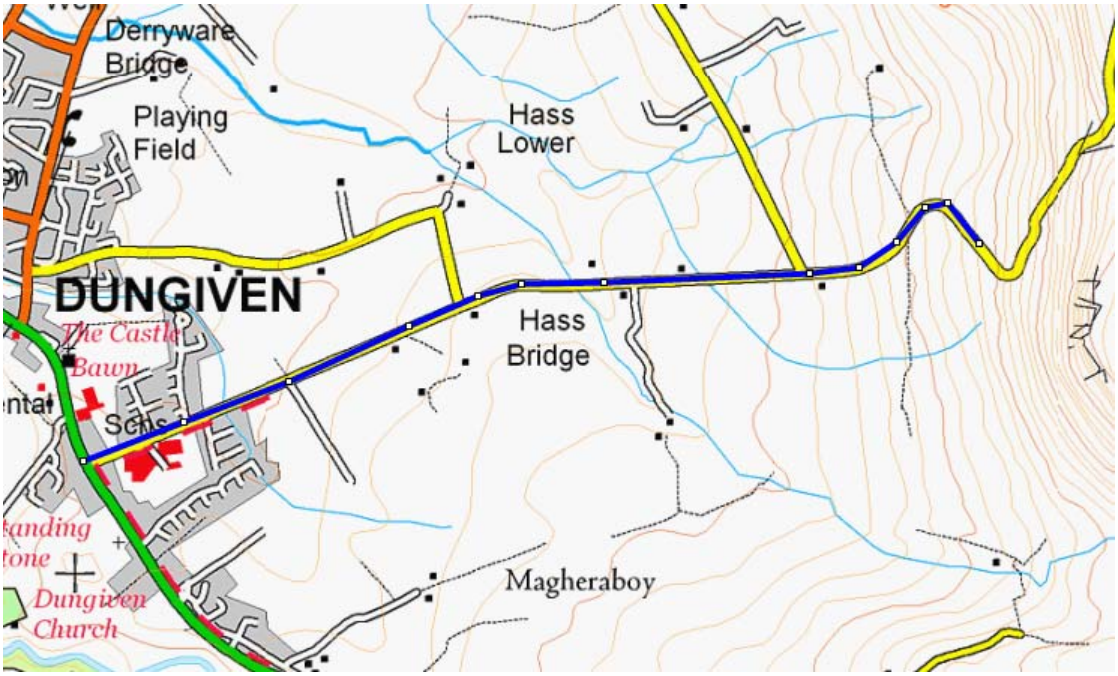
Above are the functions to move and zoom in on the map. The map can also be moved by clicking and holding the left or right hand mouse button. To zoom in and out the mouse wheel, when fitted, can be used.

4.4. Draw a Route (a series of waypoints)

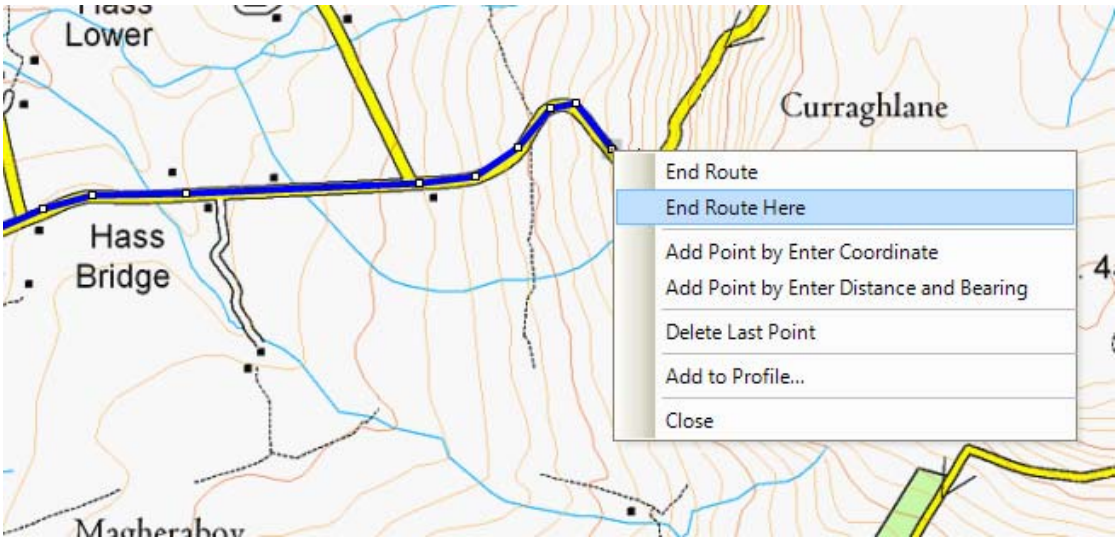
The simplest feature to add to maps is the route, which is just that - a line on the map indicating a route. It is a series of Waypoints.

To mark a route click

, and then click the start of the Route on the map and the first point appears. Note that the tooltip shows summary information about it.



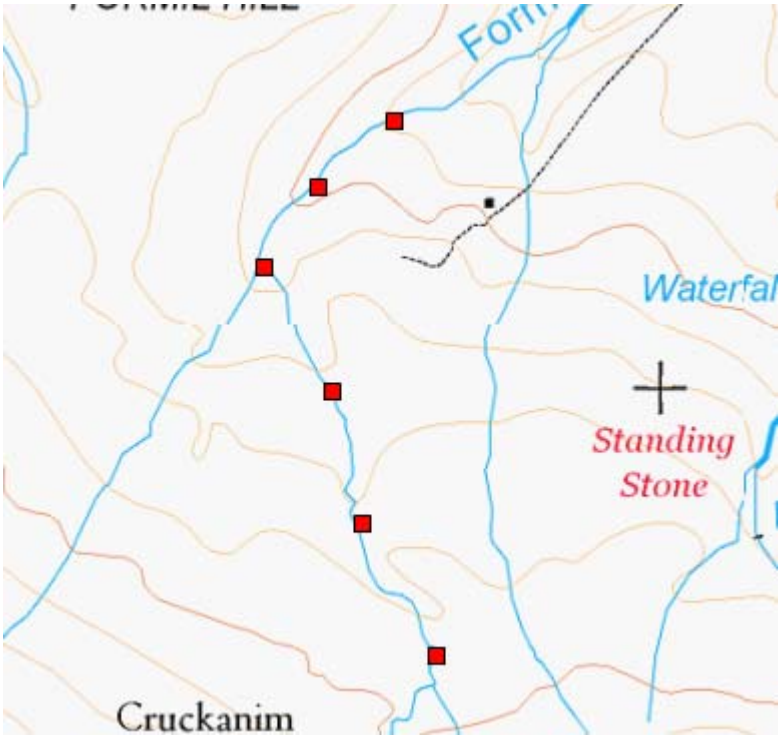
Now click along the chosen path, drawing the Route. At the end of the Route, right-click the last point and select “End Route Here”.

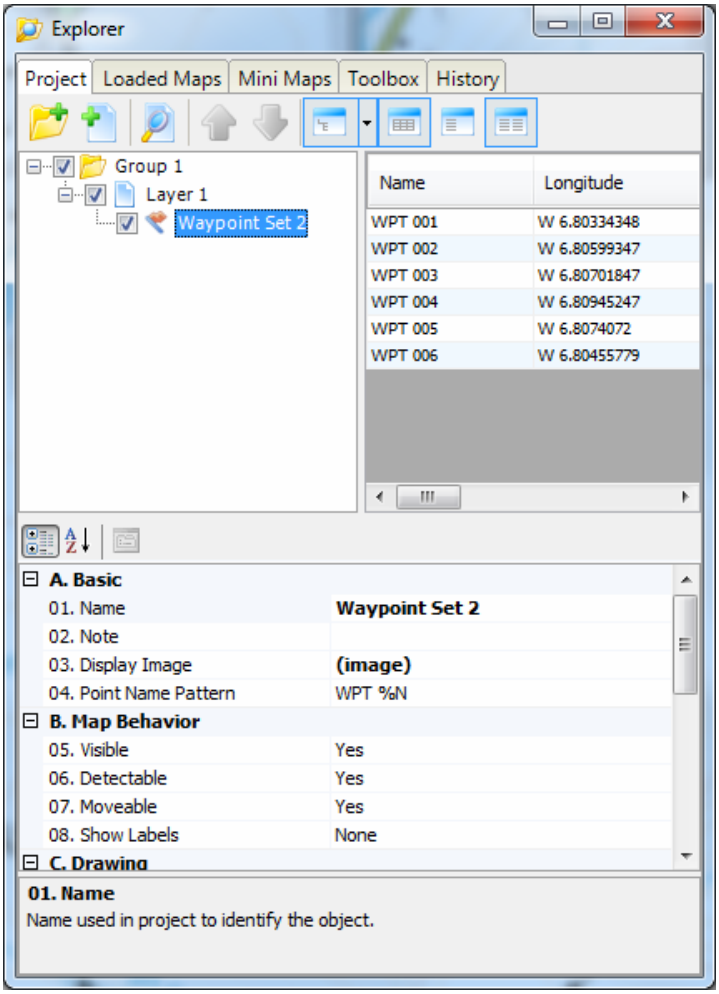


4.5. Add Labelled Waypoints

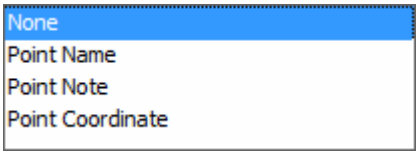
To add a Waypoint click on

Click on the display. (If you click on a Route, the new Waypoint sticks to it.)
A red Waypoint appears. The Explorer opens with the new Waypoint Set selected.

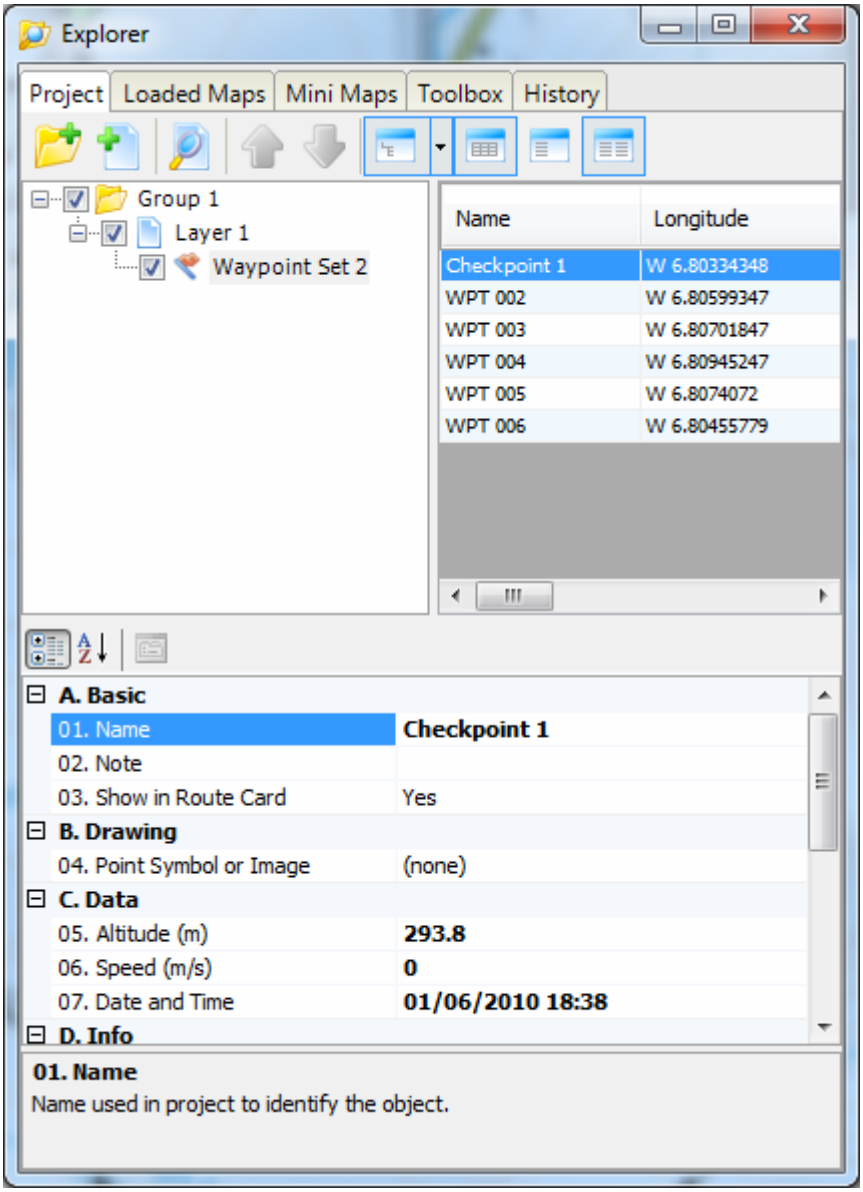




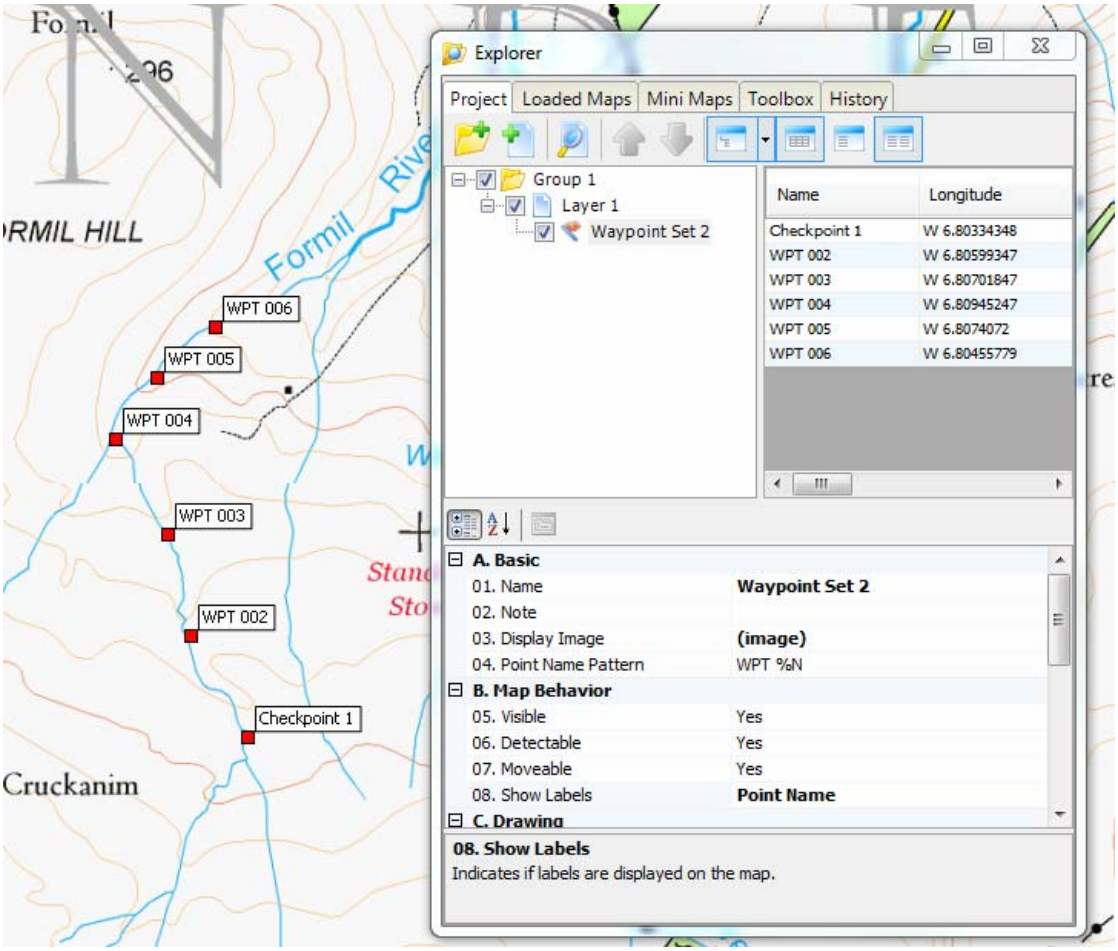
In the Waypoint Set's Map Behaviour section, change Show Labels to one of the following options.



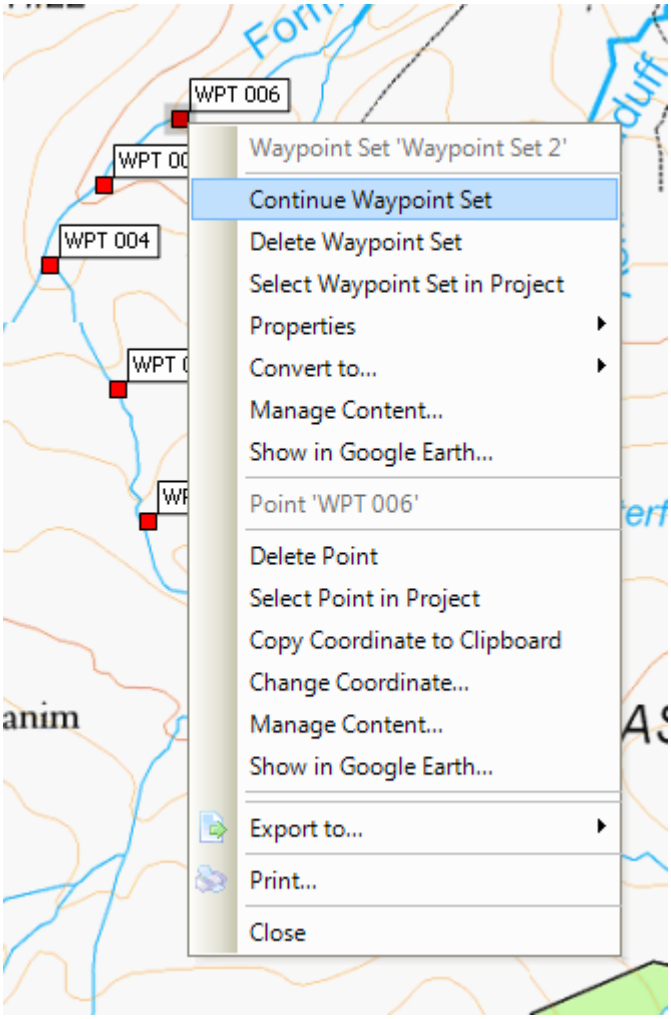
Click the Waypoint in the list to display its details. Change the Waypoint's name to something useful.



Back in the display, the Waypoint now appears with a label.



To continue a Waypoint Set Right-click the Waypoint, and select “Continue Waypoint Set”. Click to add further Waypoints as above.

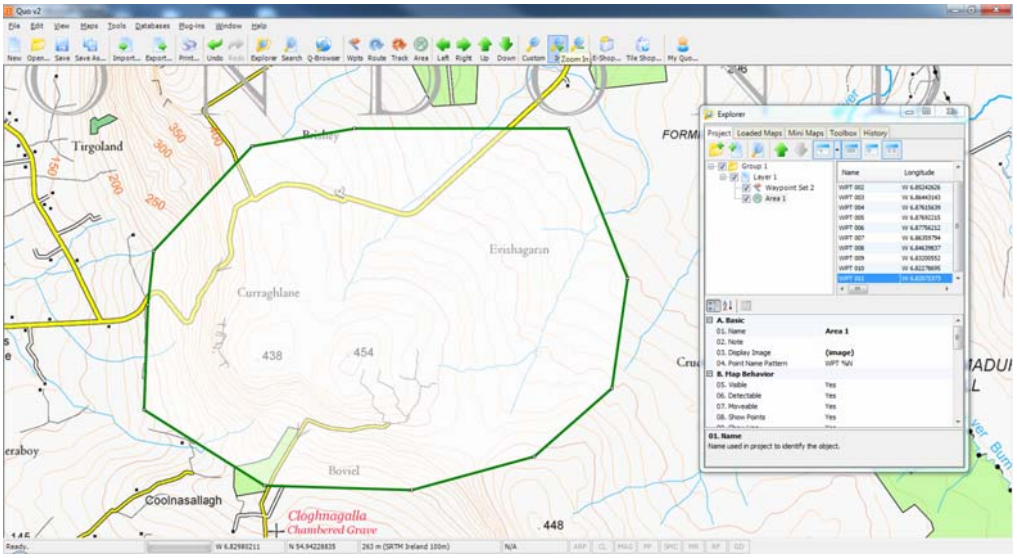


4.6. Creating an area

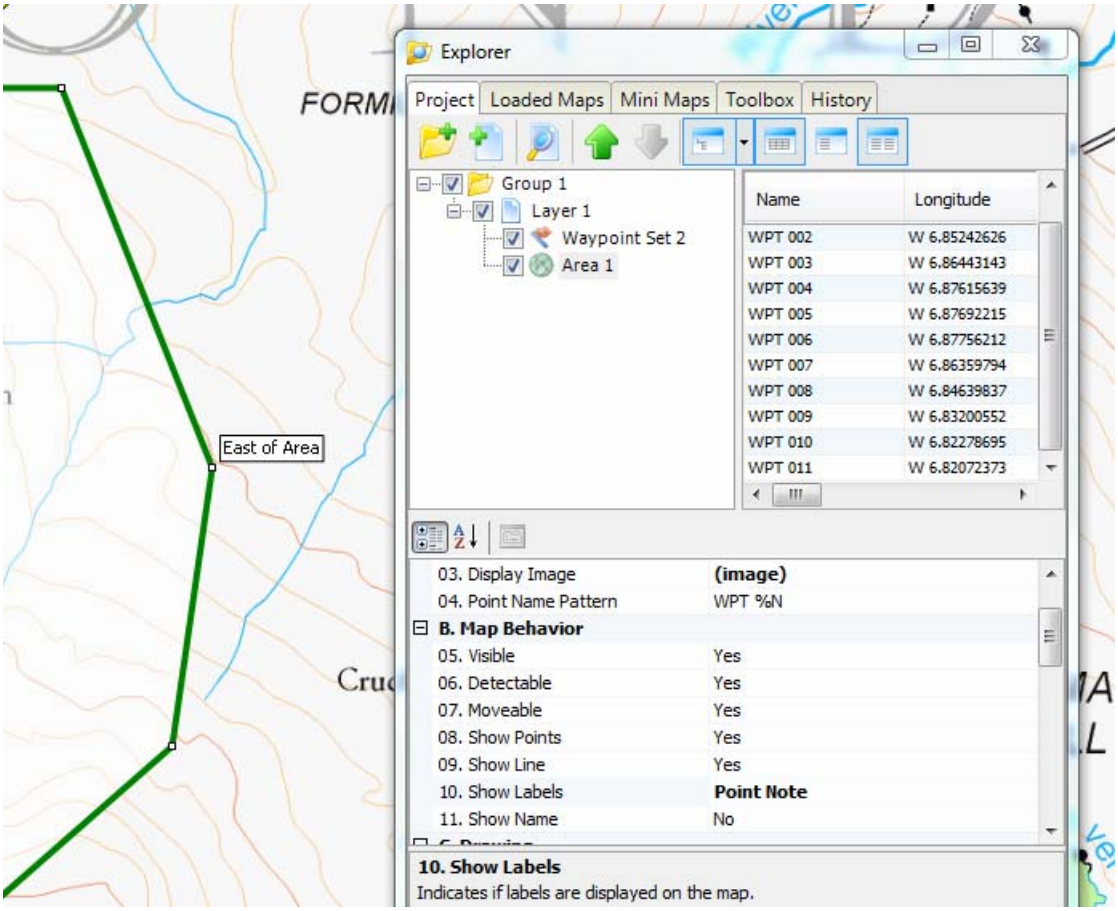
To add an area to a map

Click

On the map click the first part of your Area and then click each point of the Area. At the end of the area right-click mouse and select “End Area Here”. The Area will then complete itself.

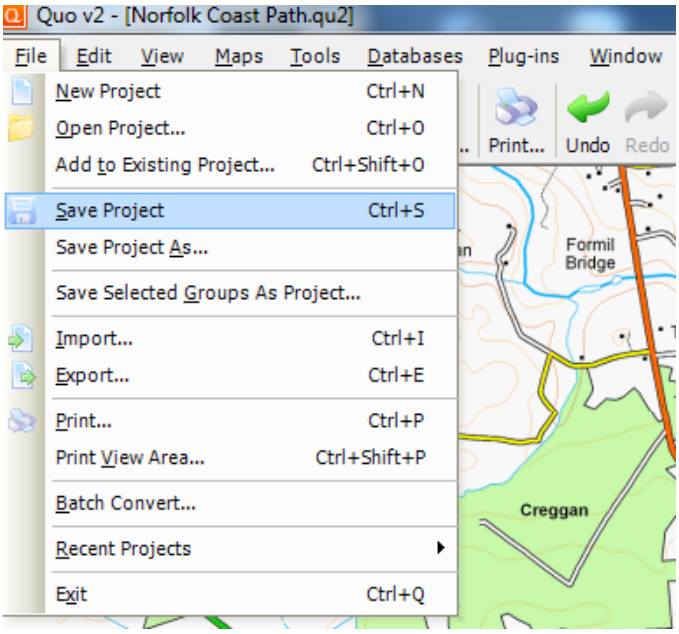


(Use the Explorer to change any of the settings)
To add a label, select one of the waypoints of the area and repeat the same process as labelling a waypoint.

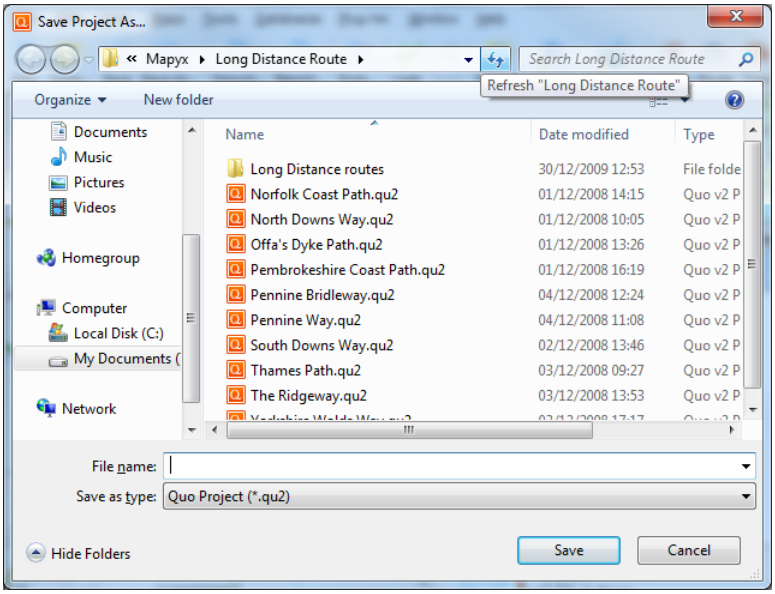


4.7. Saving Projects

This function saves projects.



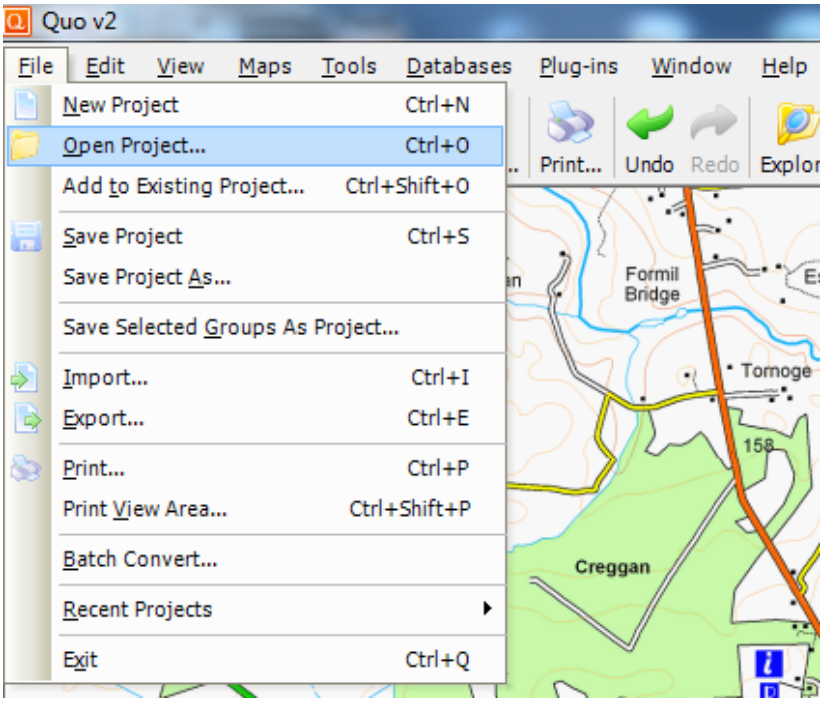
Like most computer applications Quo overwrites existing files without showing a new window, however when saving a new project this window will appear.

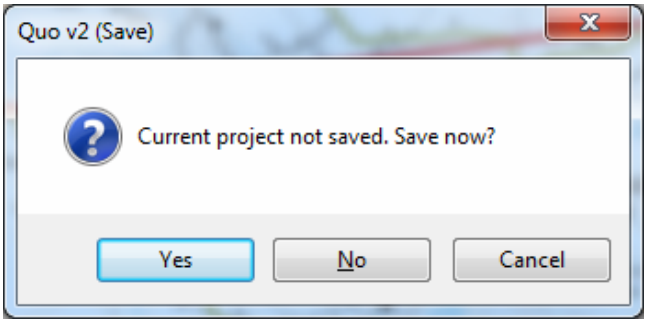


In the window where it says “File name” enter the project name and then click “Save”. The project will then be saved.

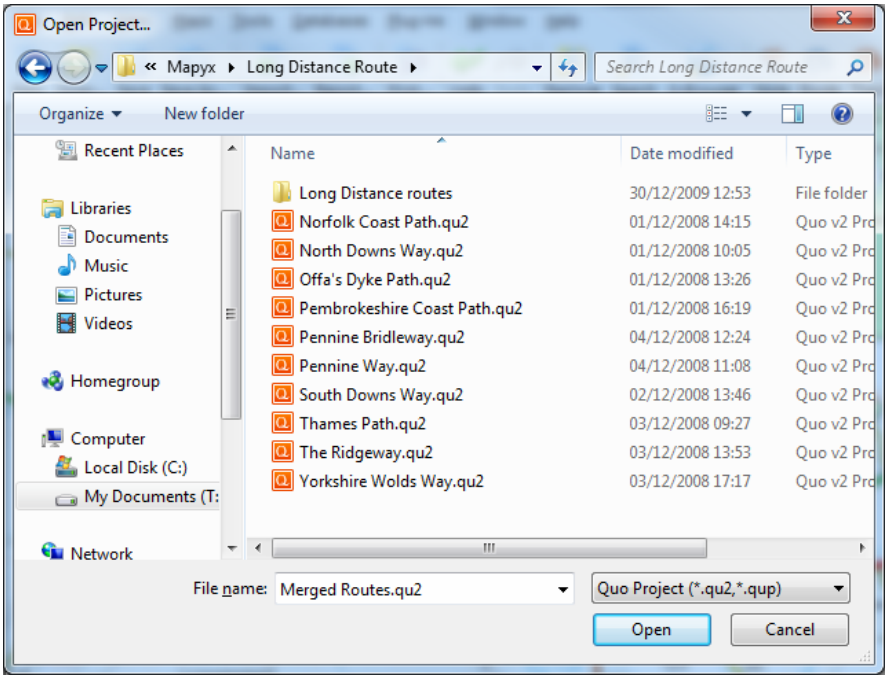
4.8 Open Project

To open a new project click new project, Quo will ask whether to save the current project if any new data has been added. This box will appear in the centre of the screen.



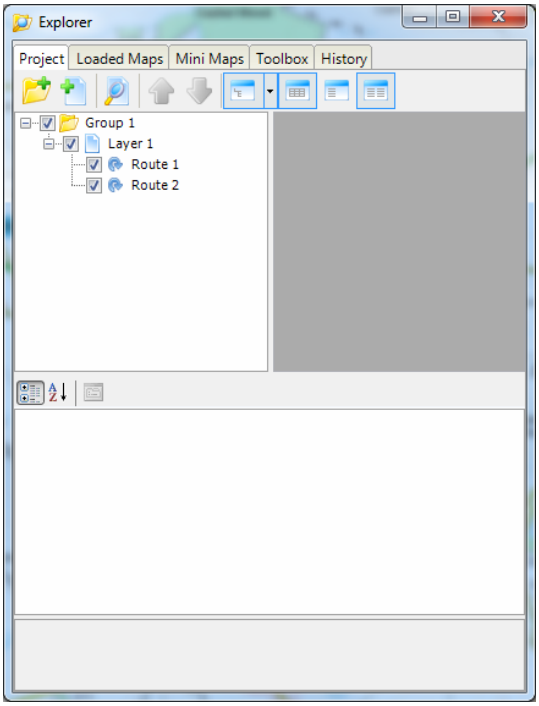


This window will then appear on the screen if no is selected.

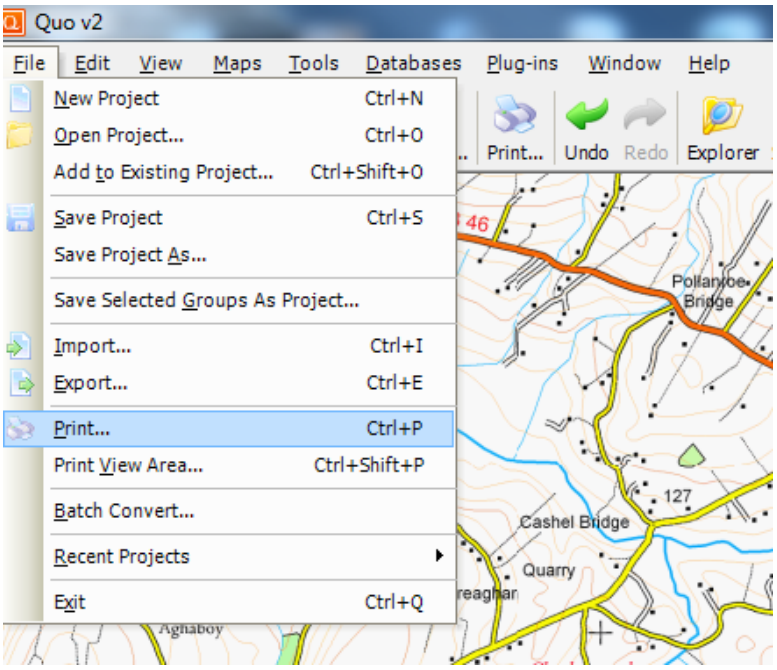


To open routes previously saved locate the file required to be opened, click once on the file and then click the “Open button”.

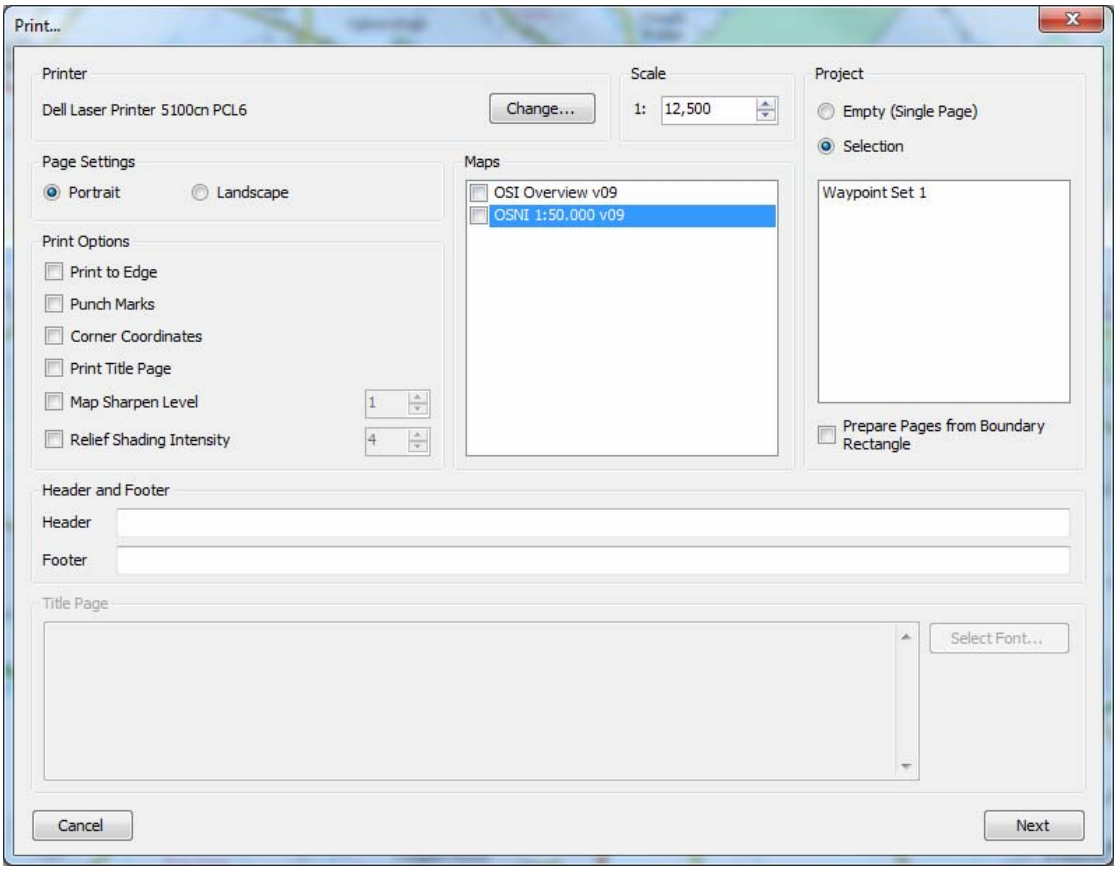
The “Explorer” window will then open with the selected previously saved routes.



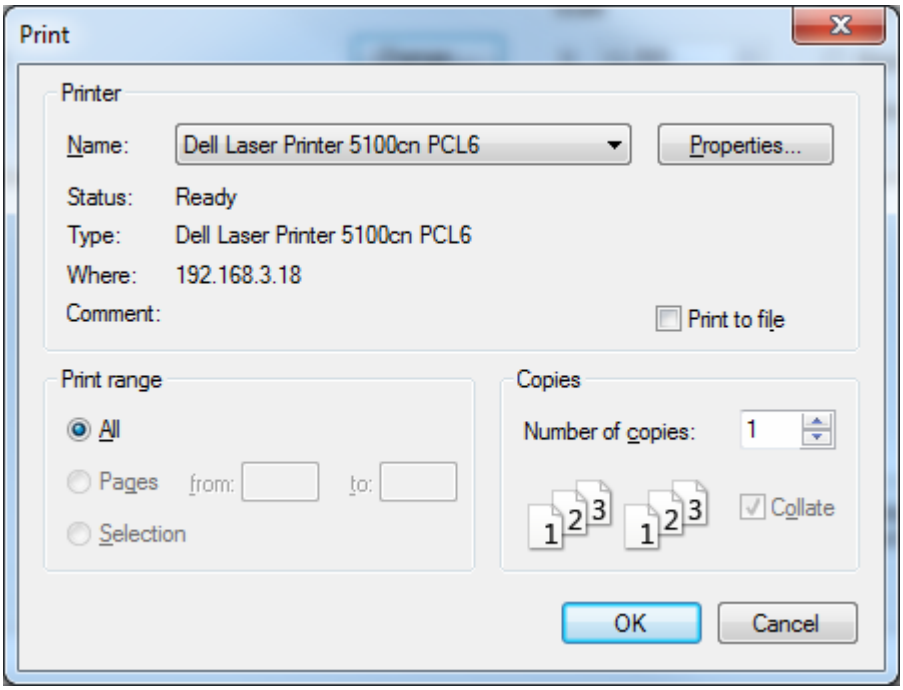
4.9. Printing Projects (routes or areas)



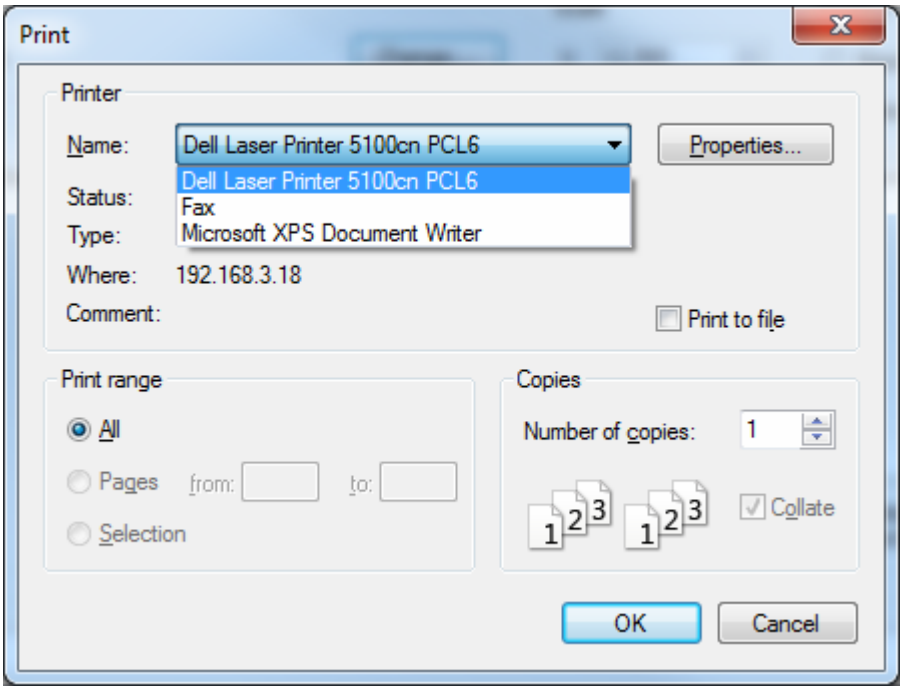
Select the print function and this window will appear.



Firstly choose the device to print to; this is done under the section ‘Printer’. Click the ‘change’ button and this window will appear.

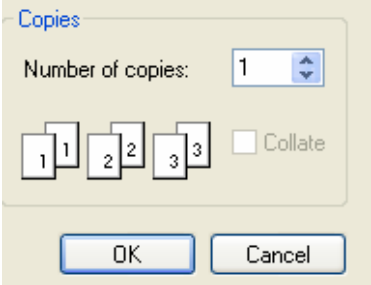


From the drop down list select the printer.

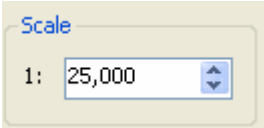


There is a button for the properties of the printer. Please refer to the printer user manual for these functions.

There is also the option to print to file. This function can be used with such programs as a PDF writer.
The amount of copies can be selected by using the up and down arrows as shown below, if printing multiple copies they can be collated by ticking the ‘collate’ box.

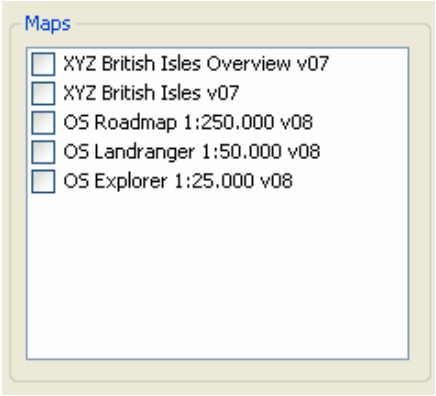


Once the printer is selected the scale can be chosen.

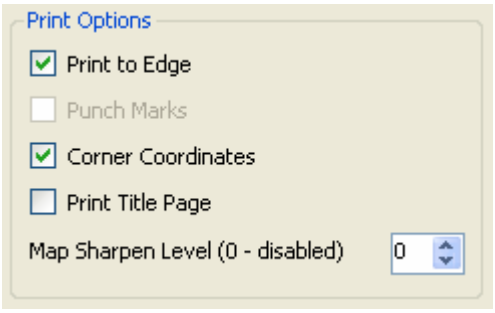


There is the option to print in either Portrait or Landscape.

In the ‘Maps’ section tick the box for which scale of map to print.

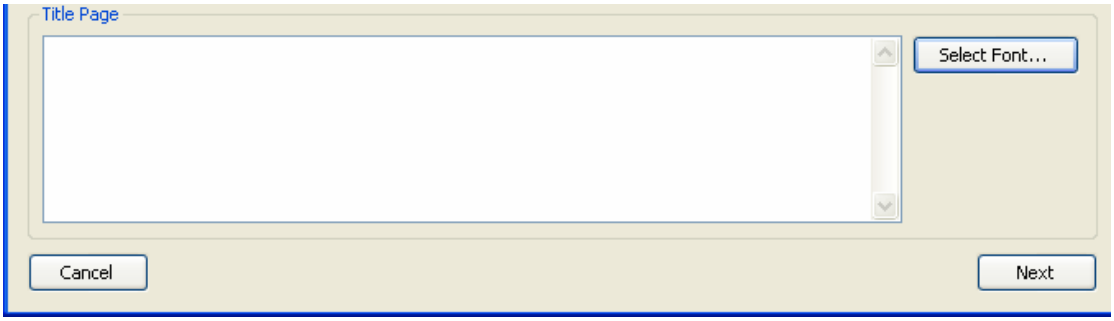


The ‘Print Options’ section allows different print options by selecting or deselecting the box next to each setting.

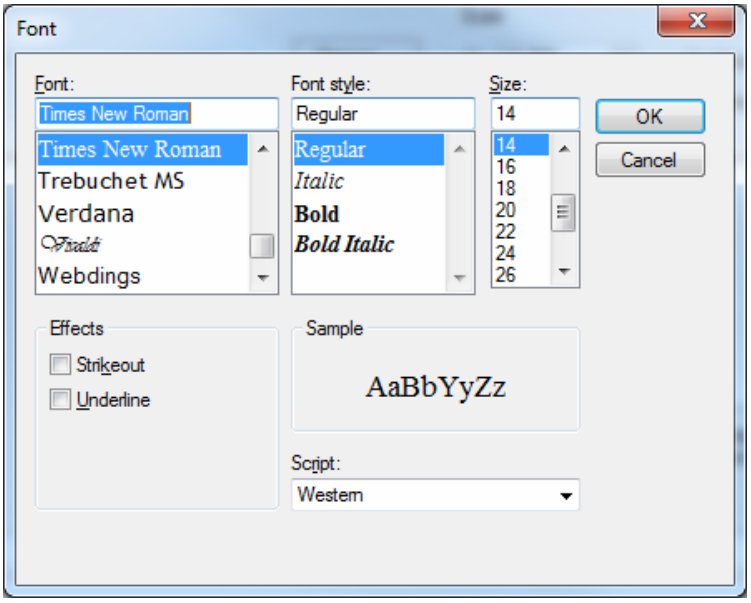


The ‘Header and Footer’ of the page can be added by simply typing text in the boxes provided.

The ‘Title Page’ box will only become active if ‘Print Title Page’ is selected within the ‘Print options’. This will print a tile page for the document. There is an option to change the font by clicking on the ‘Select Font’.

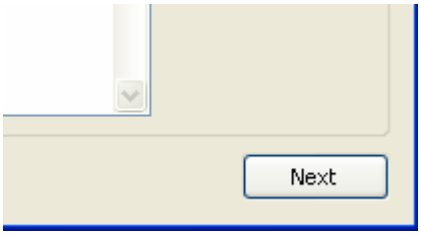


Click on the ‘select font’ button and this window appears.

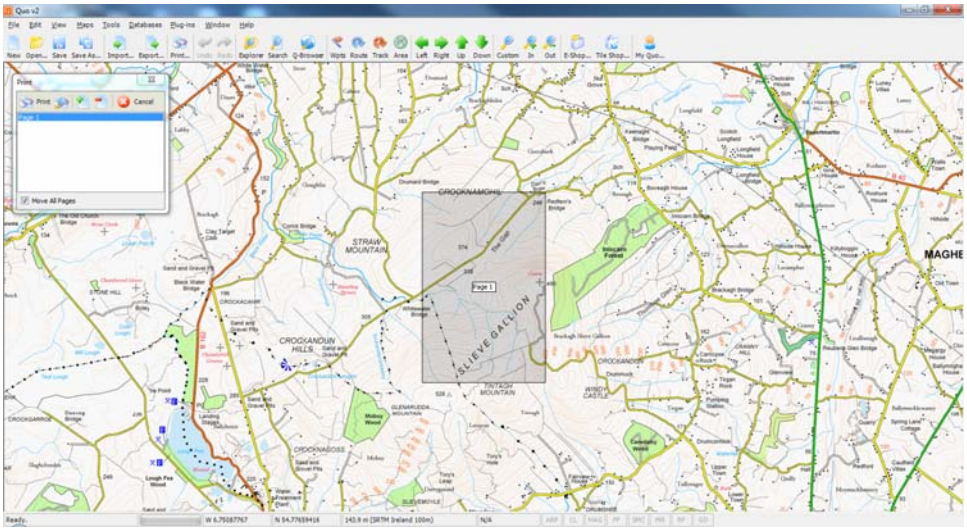


This window is similar to other software applications and allows font, font style and font size selection.

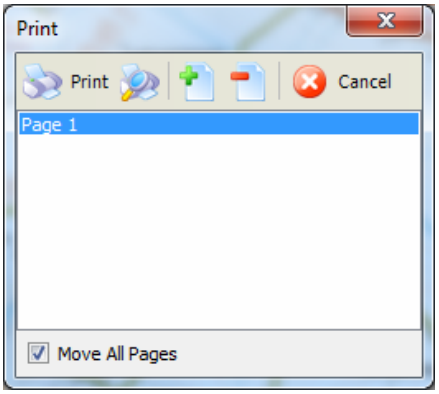
When the print page is set up, click the ‘Next’ button in the bottom right of the print window.



The screen should look similar to this.

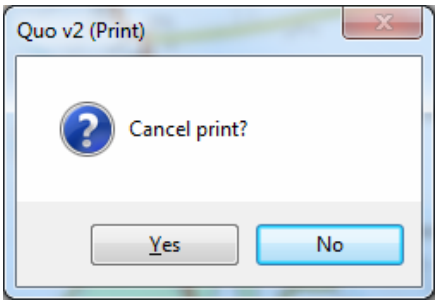


The grey area is the page that will be printed. This can be moved around by left clicking and dragging the grey box.



Pages can be added or subtracted by clicking the plus or minus buttons within the print window which is shown above. The print preview is the button with a magnifying glass and printer. The print button will then print the selected map. The cancel button will cancel the printing.
The “Move All Pages” box when ticked means that all pages are synchronised and move together. Uncheck the box to move pages individually.

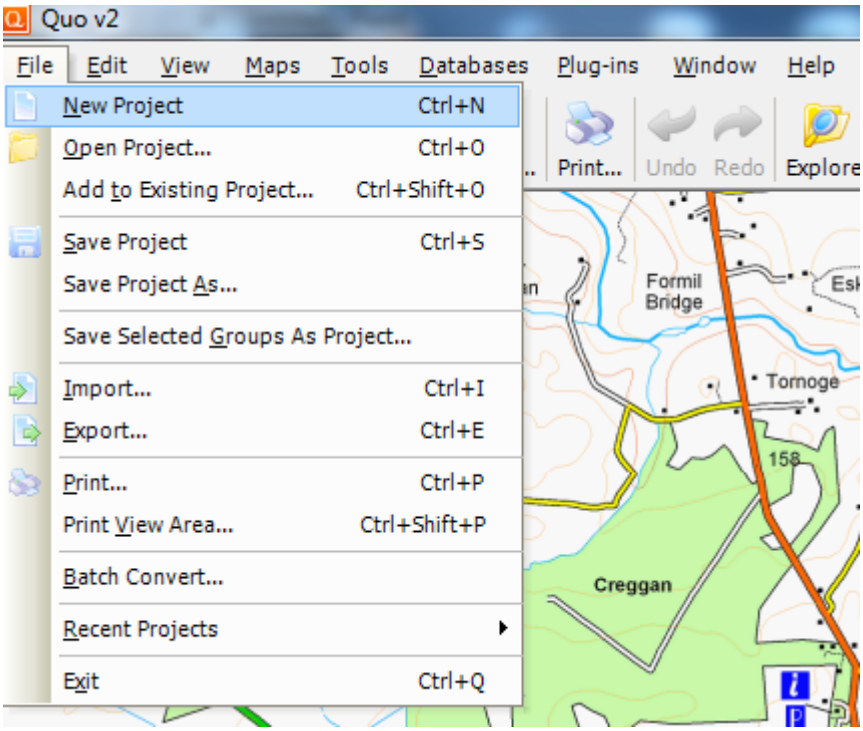
Click the cancel button and the following window will appear to cancel the print, with the options yes or no.



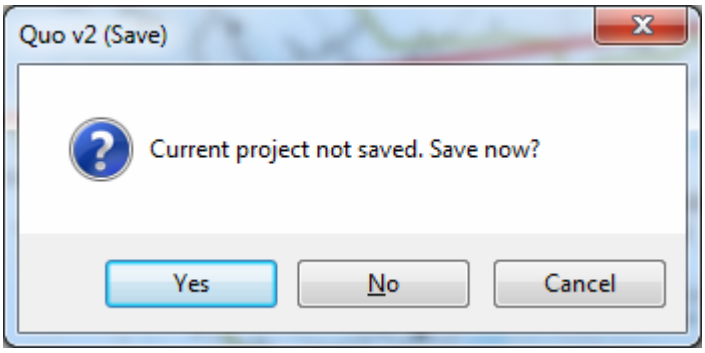
5.0 FILE MENU

5.1. New Project

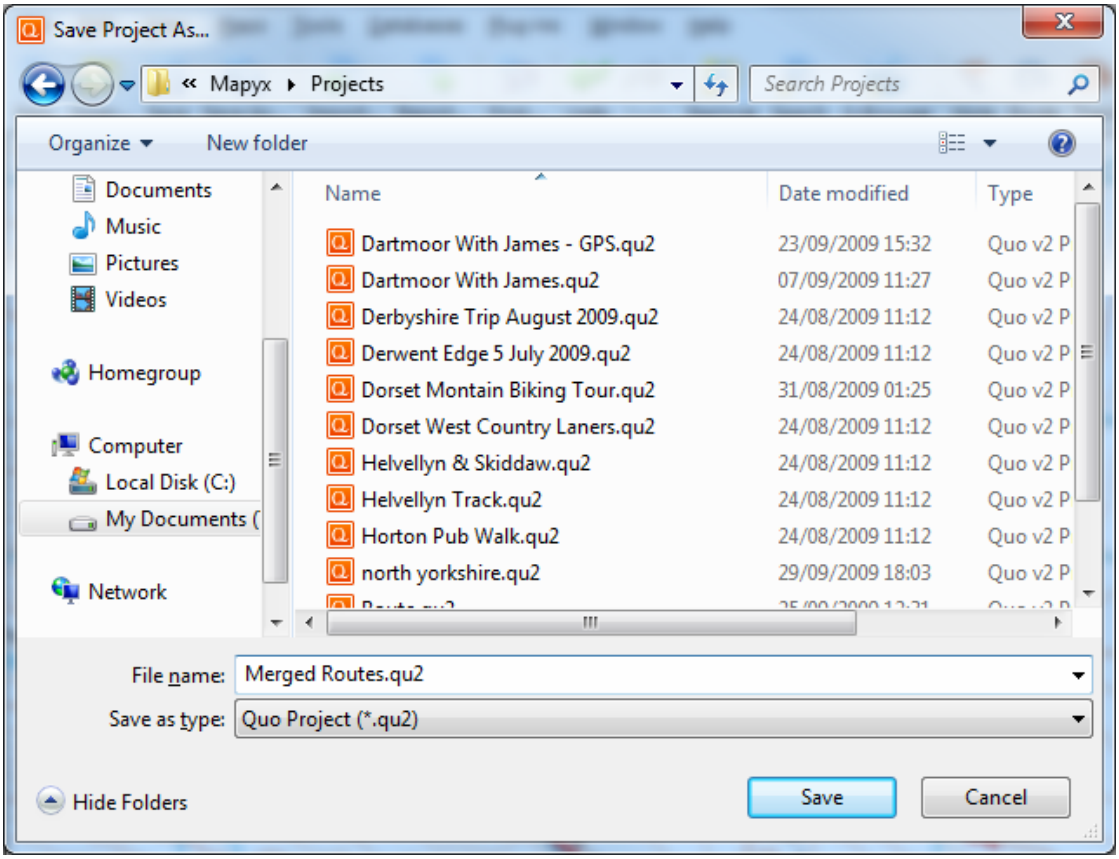
This function creates a new project.



To open a new project click “New project”, Quo will ask whether to save the current project if any new data has been added. This box will appear in the centre of the screen if new data has been added.

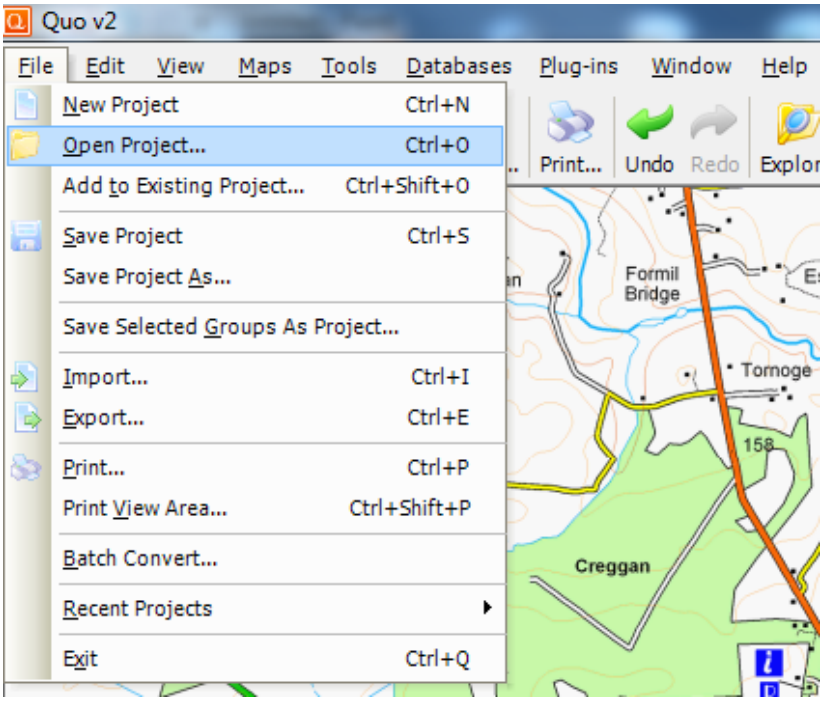


The standard save Window will then appear.

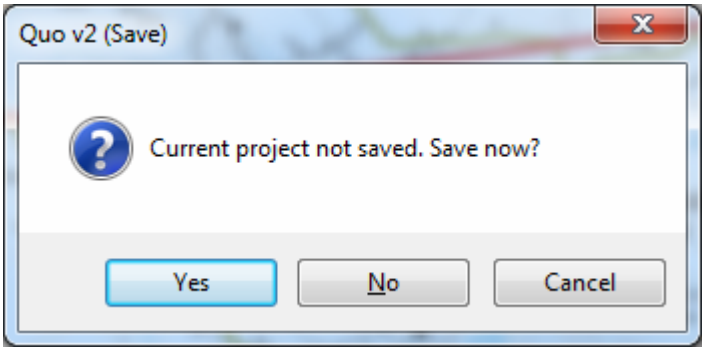


5.2 Open Project

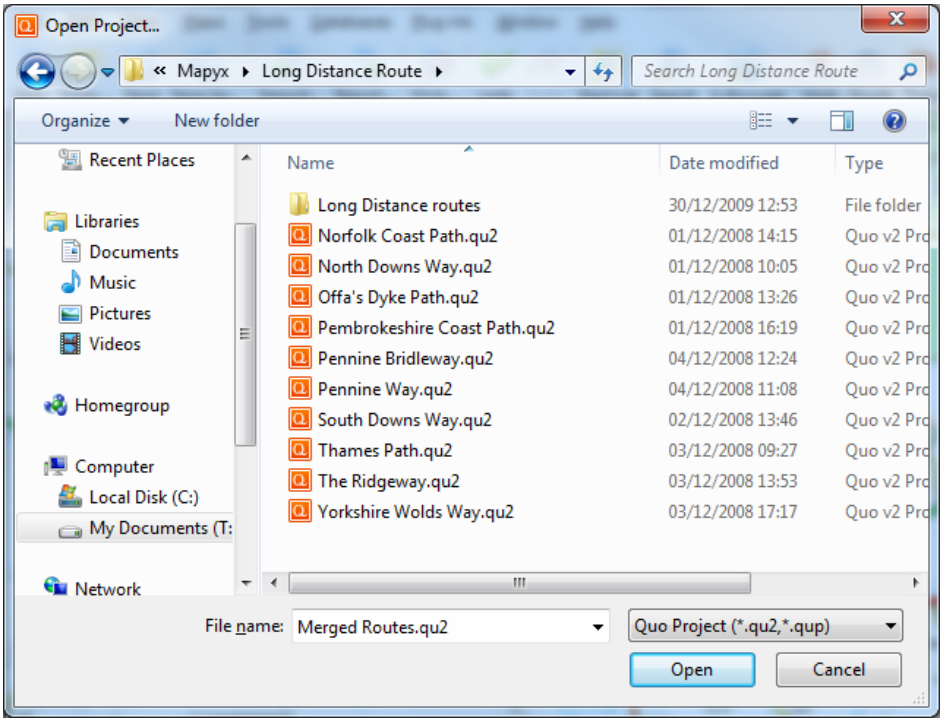
This function opens an existing project already created and saved.



To open a new project click new project, Quo will ask whether to save the current project if any new data has been added. This box will appear in the centre of the screen.

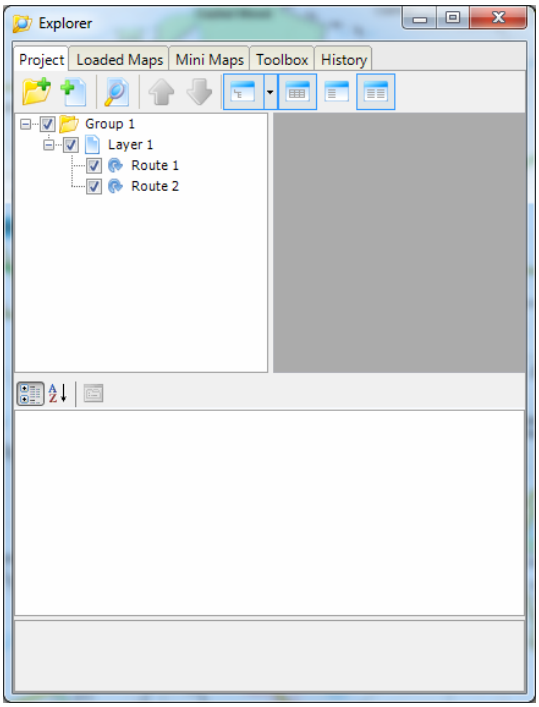


This window will then appear on the screen if no is selected.



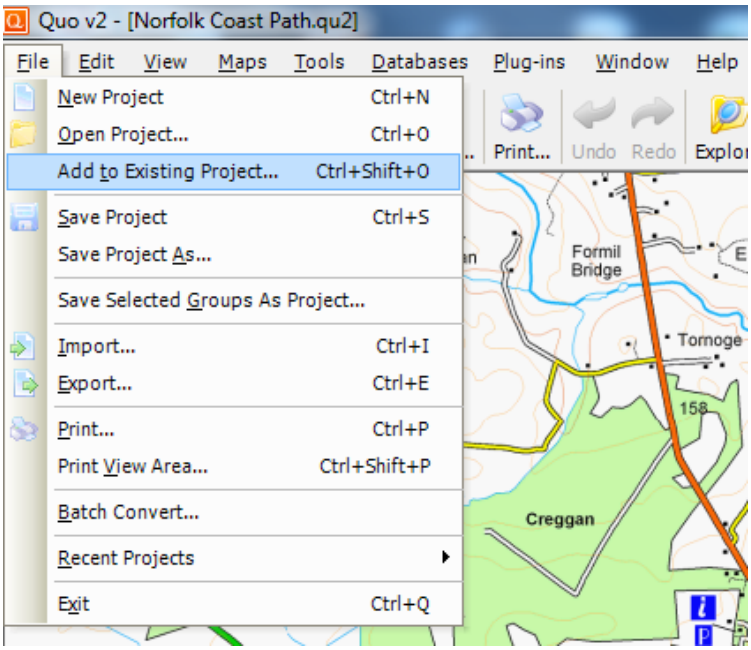
To open routes previously saved locate the file required to be opened, click once on the file and then click the “Open button”.

The “Explorer” window will then open with the selected previously saved routes.

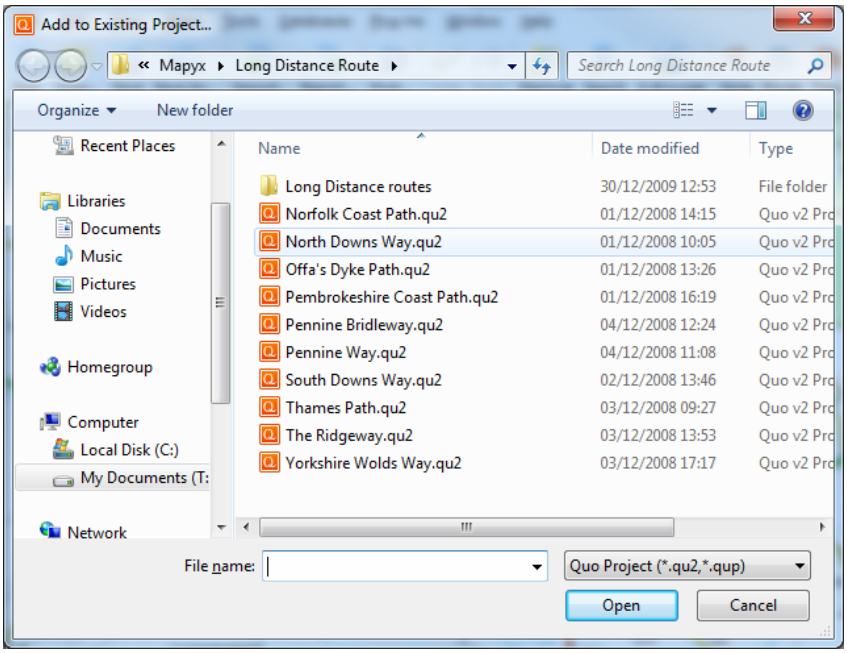


5.3 Add to Existing Project

This function enables grouping of two saved projects together.

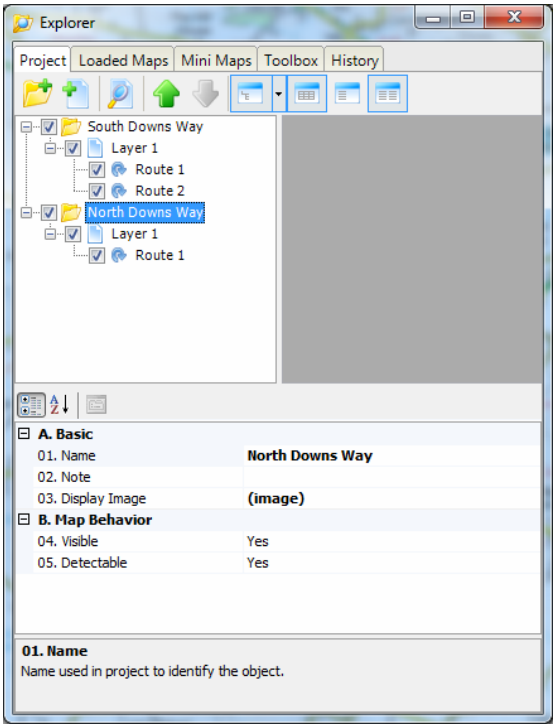


Open one of the files to become the current project then select “Add to existing project”.
This window will then appear.



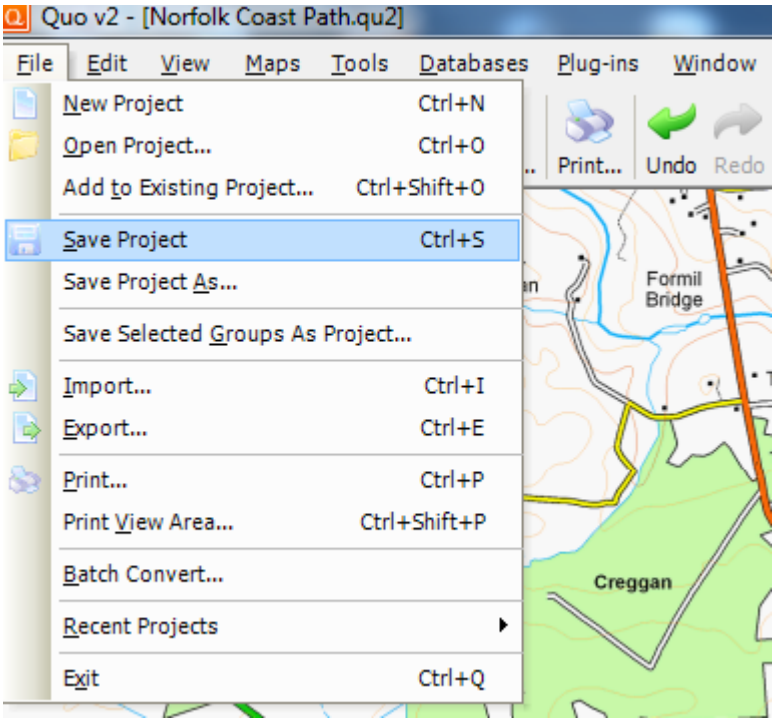
Select the second file which is to be added to the current project.

To select the second file click it once and then click “Open”.
The explorer window will then open showing all the routes in the current project.

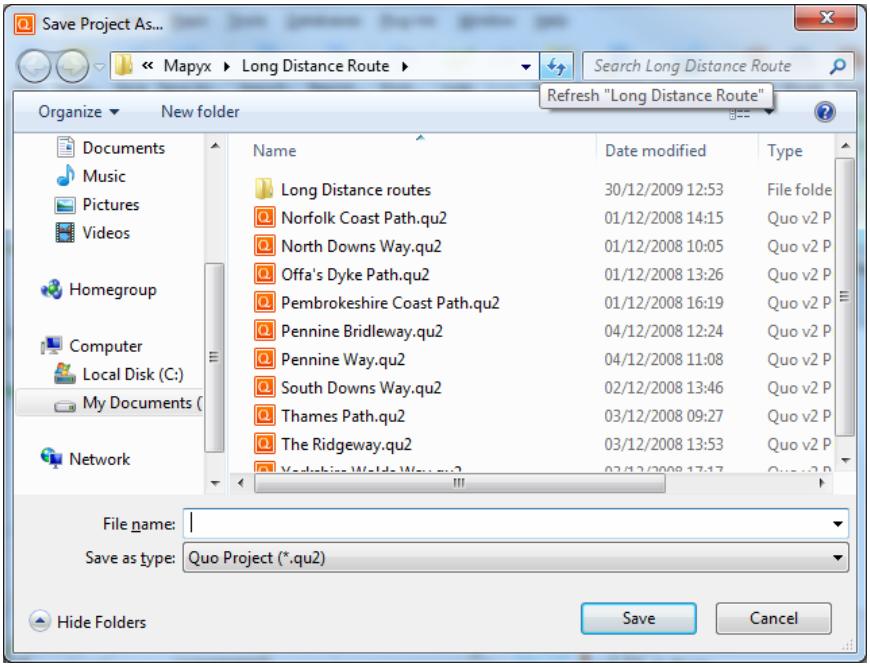


5.4 Save Project

This function saves projects.



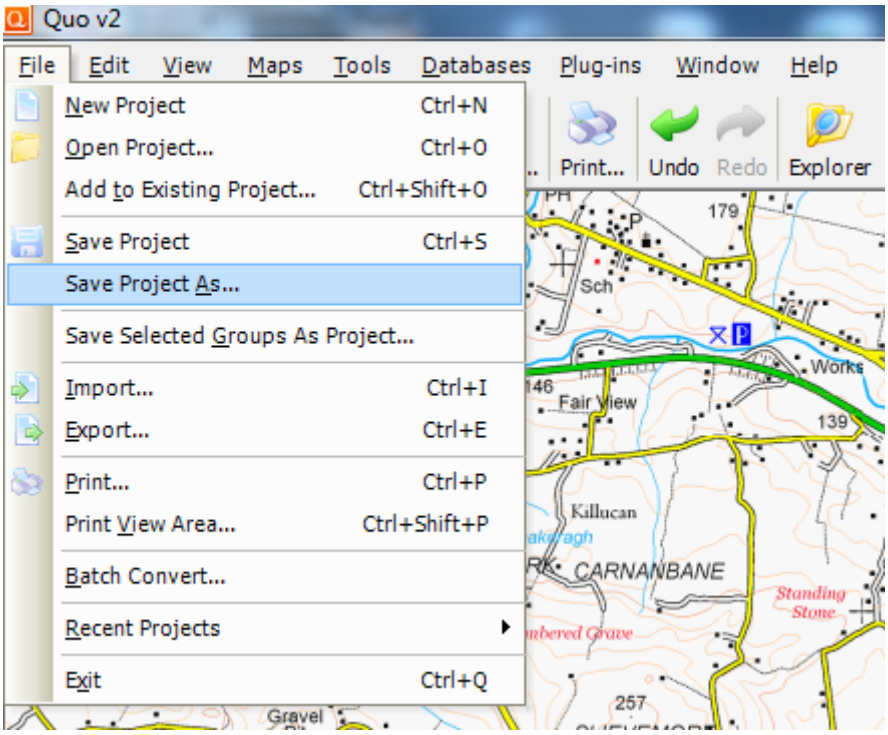
Like most computer applications Quo overwrites existing files without showing a new window, however when saving a new project this window will appear.



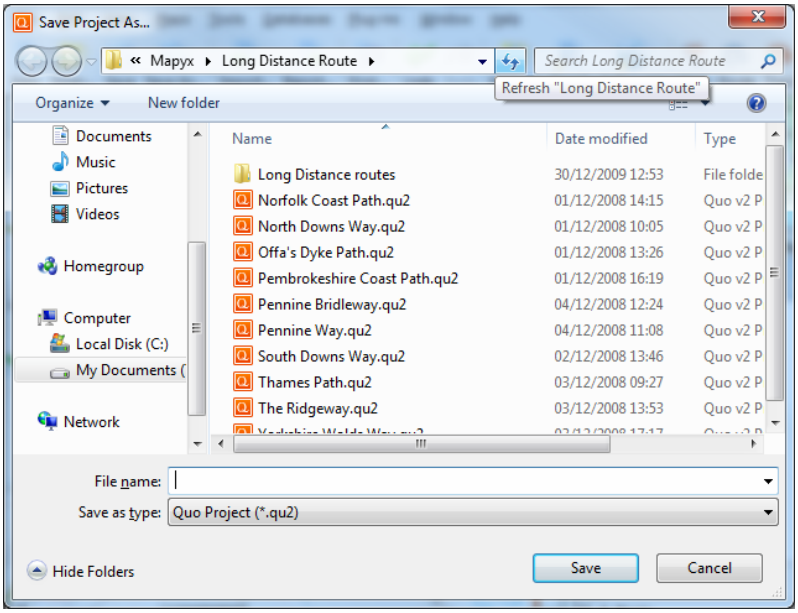
In the window where it says “File name” enter the project name and then click “Save”. The project will then be saved.

5.5 Save Project As

Similar to the save function this too is like many other computer applications and is useful for two identical projects with different names; keep the original project and make an update.

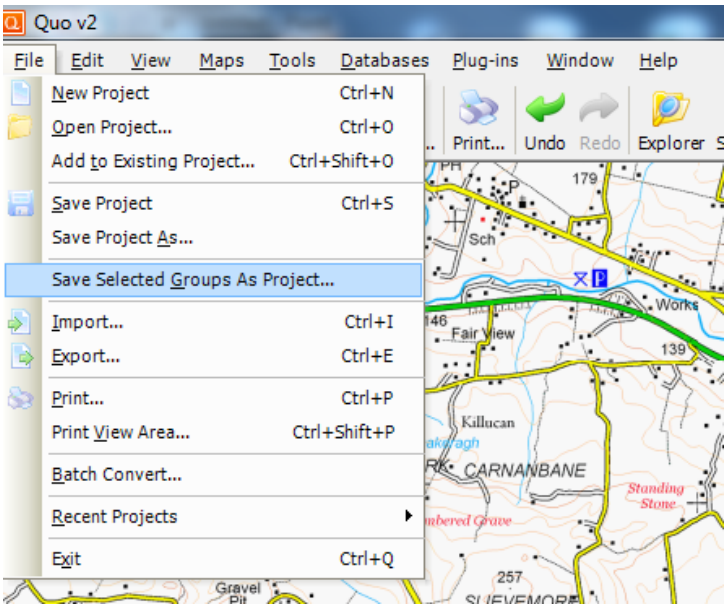


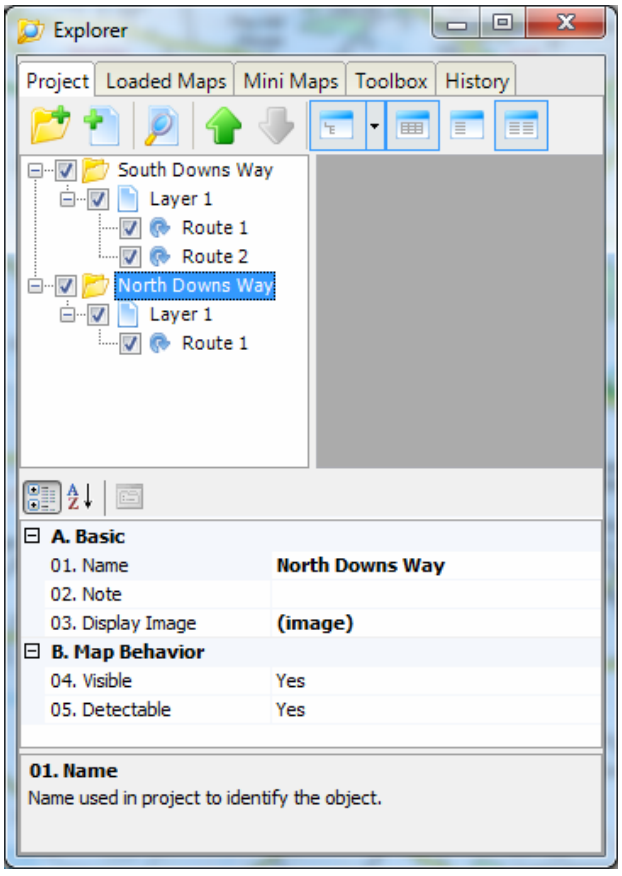
Click “Save project as” and this window will appear.



5.6 Save Selected Groups as Project

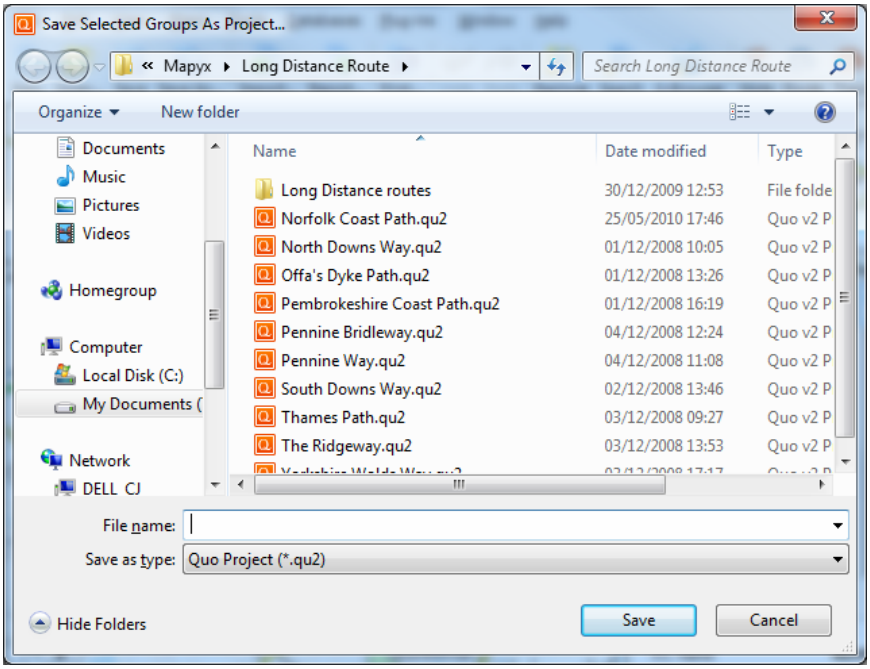
This function enables a group from “Explorer” to be saved together as a separate project. Firstly open up explorer to where the current project is and the groups that are previously created.





Now click on the group to save as a project. ”North Downs Way” has been selected in the screen shot above.

Now click “File”, save selected group as project, as shown below.



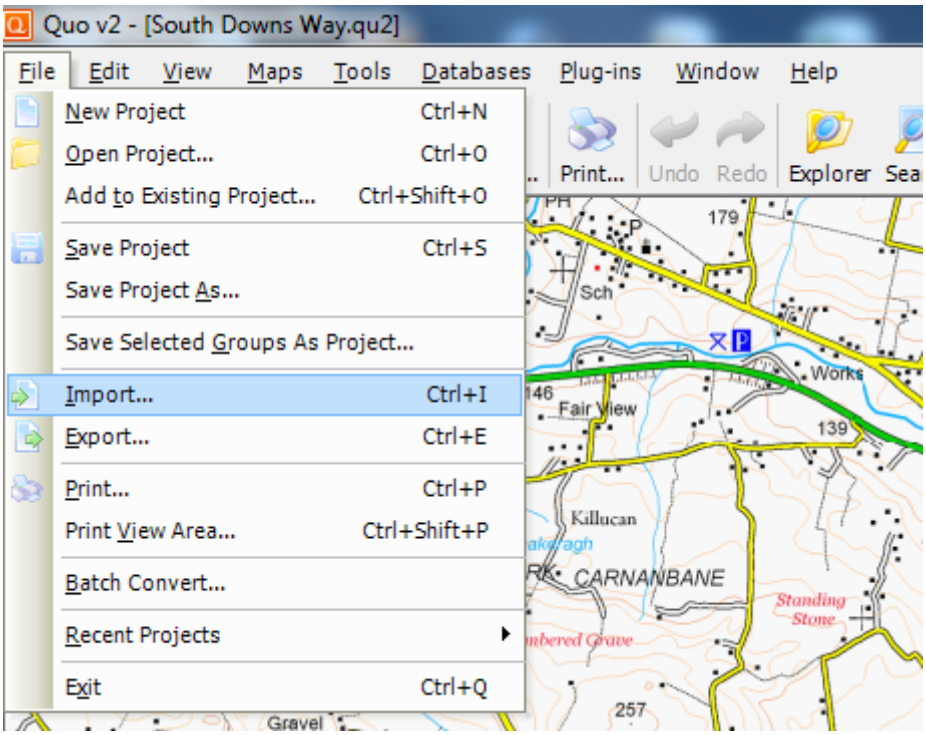
Enter the file name, and click “Save”. The project is saved.

5.7 Import and Export File Compatibility

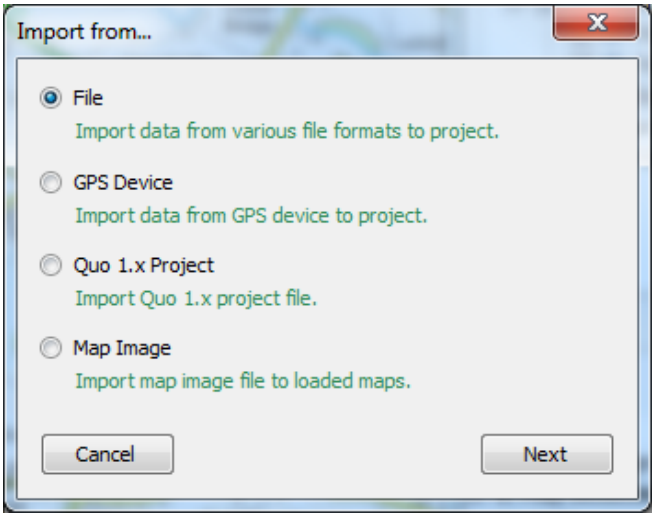
To check the compatibility of Quo software with a number of import and export files please refer to Appendix 1 section 18.0 of this guide.

5.8 Import

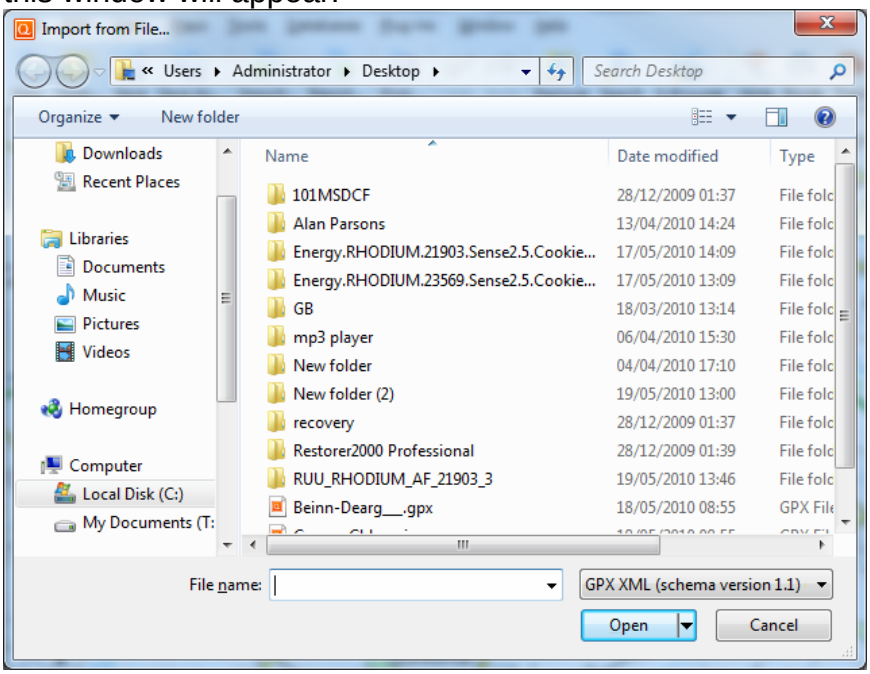
Import various files from other devices or software with this function.



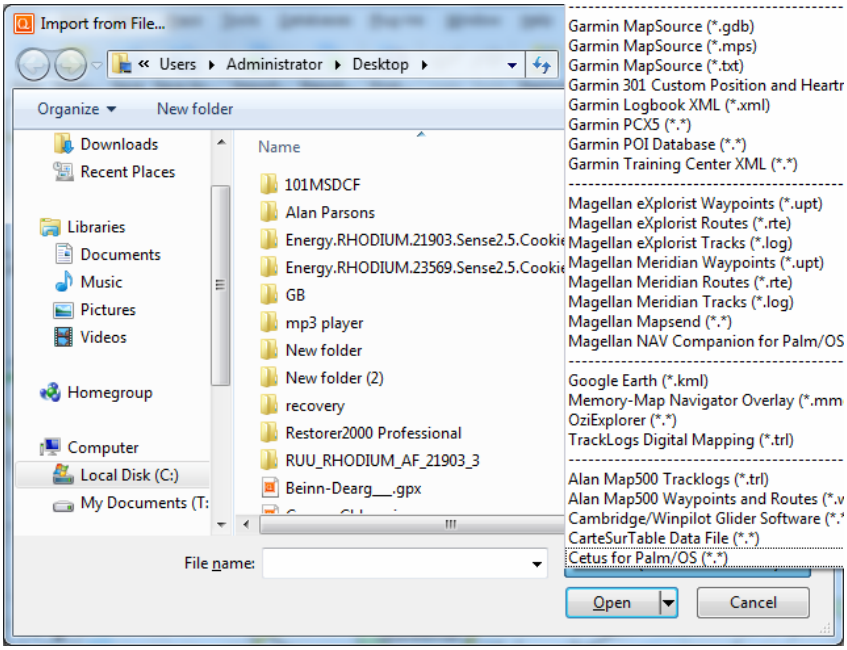
Select the “Import” function and this window will appear.



From this window select the type of data to be imported and click “Next”, then this window will appear.

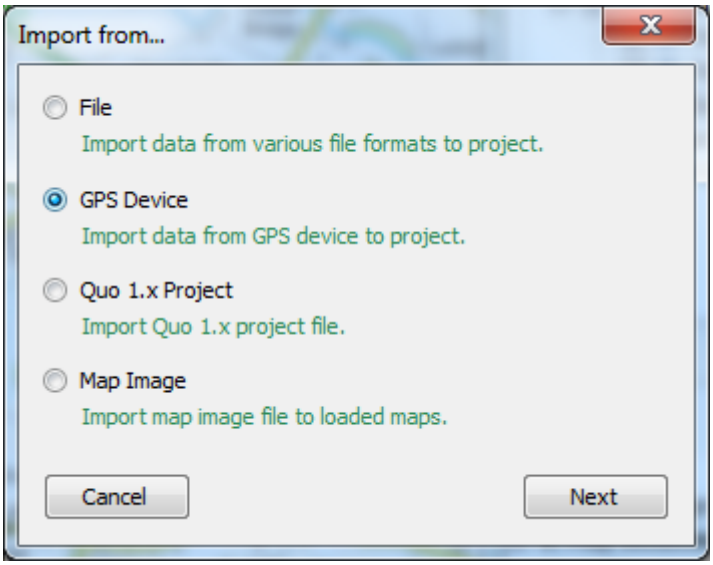


From this window, locate the file to open; there is also an option to select from a variety of different file types in the “drop down menu” by clicking the down arrow in “Files of type” as shown below. These are also listed in Appendix 1 Section 18.0 of this Guide.

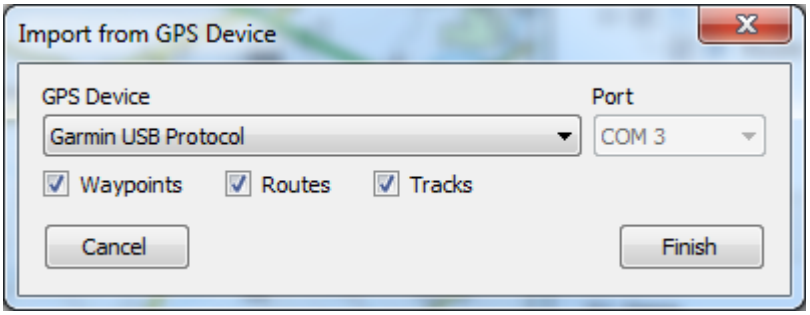


Find the file to import, select it and click “Open”.

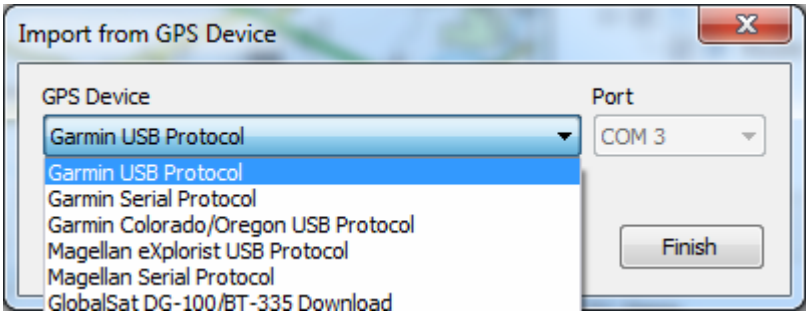
Select GPS Device



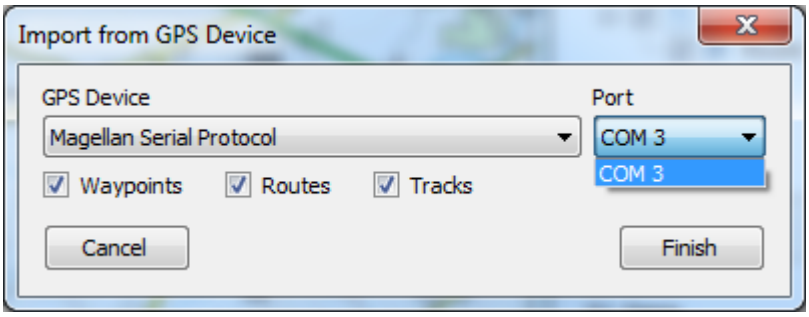
This window will appear.



In this window select the appropriate “GPS device” from the “Drop down menu” as shown below.

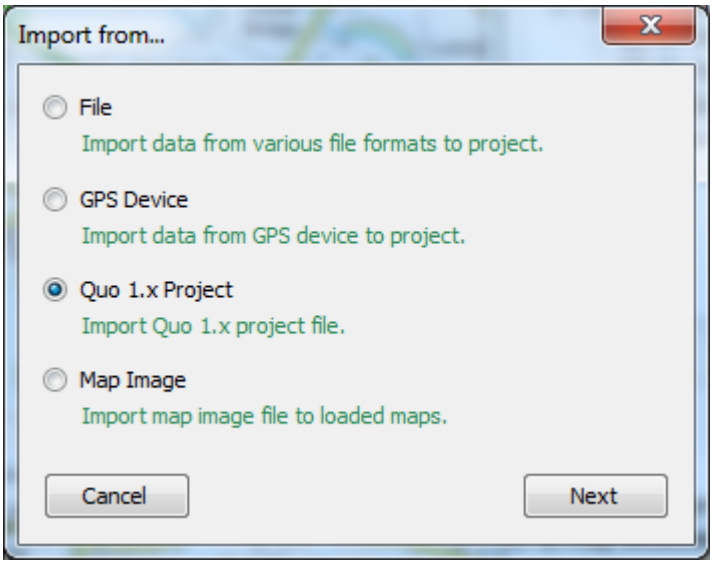


For the Magellan Serial protocol and GlobalSat devices the Port to which the GPS device is attached may have to be selected, do this by using the “Drop down menu” as shown below.

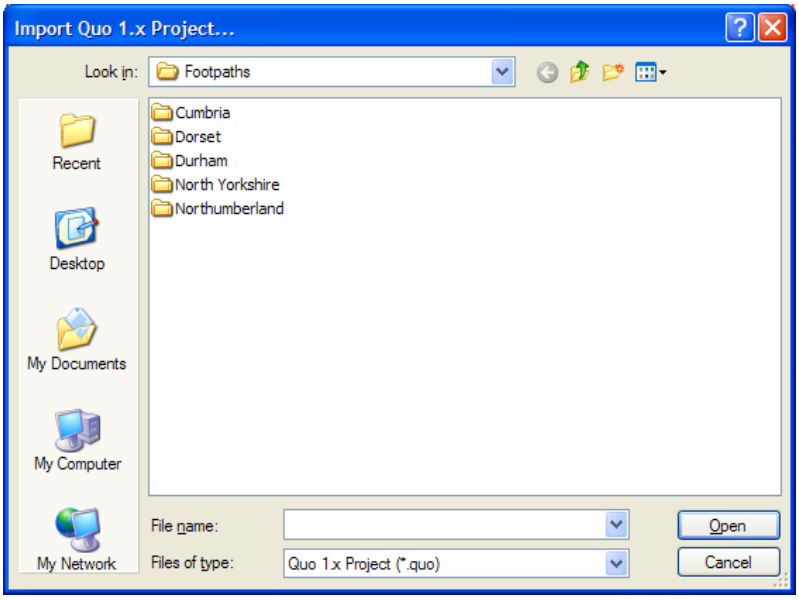


There is also an option to import waypoints, routes or tracks. Select them all or specific ones by selecting or de-selecting them. If the tick is shown in the box, that data will be imported, if there is no tick, that data will not be imported.

Select Quo 1.x Project

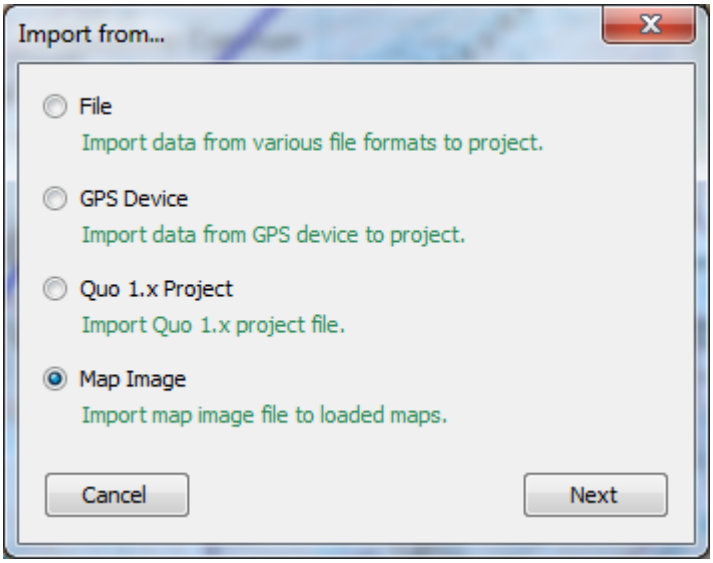


This function enables project files from the 1.x version of Mapyx Quo to be imported.
Click on the “Quo 1.x Project” and this is the window that will be displayed.



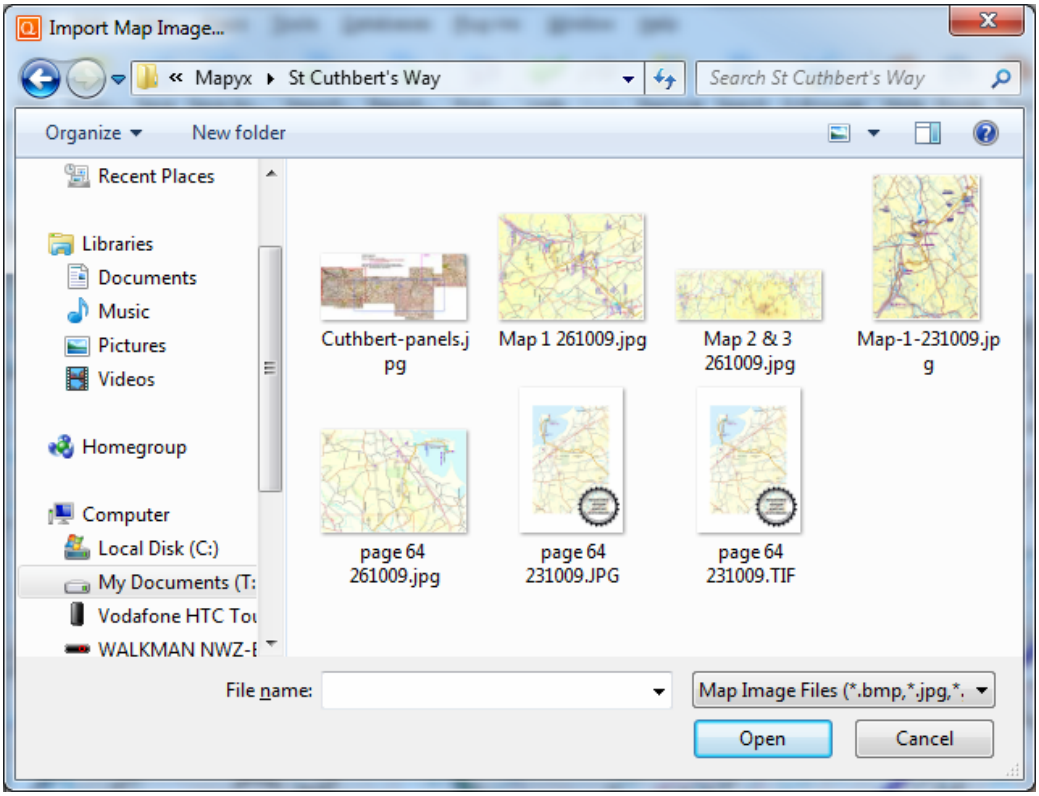
Locate the Quo 1.x Project files and click “Open” to import them into Quo v2.

Select Map Image



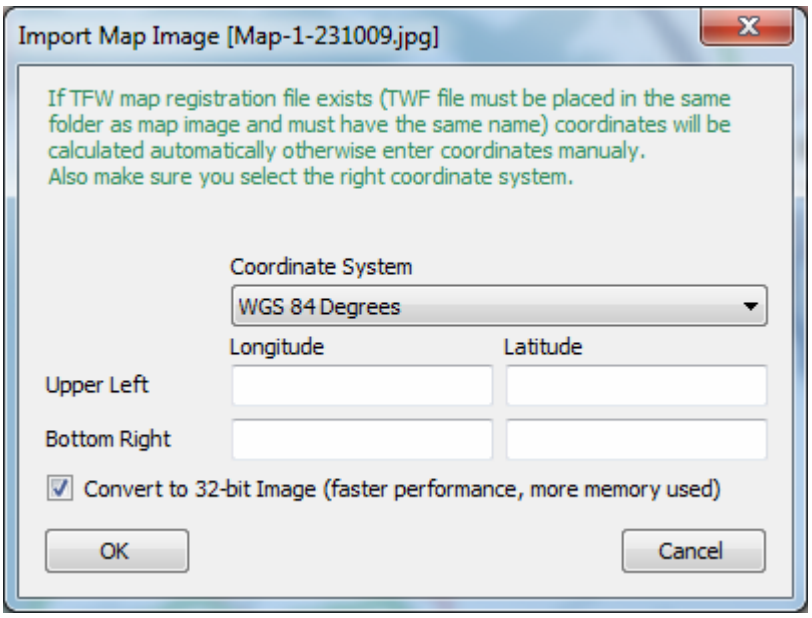
This function enables the import of a map which is in an image format, for example JPEG and TIF. The imported maps however will not have the full functionality of Quo maps since they are effectively just “image” files.

When ‘Next’ is selected a common open window will appear.

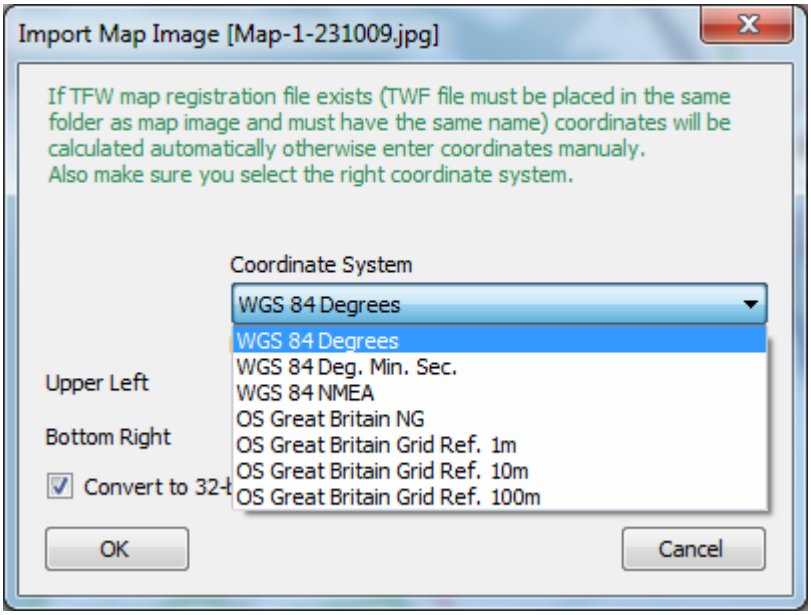


Select the map image to import into Quo and once selected click ‘Open’.

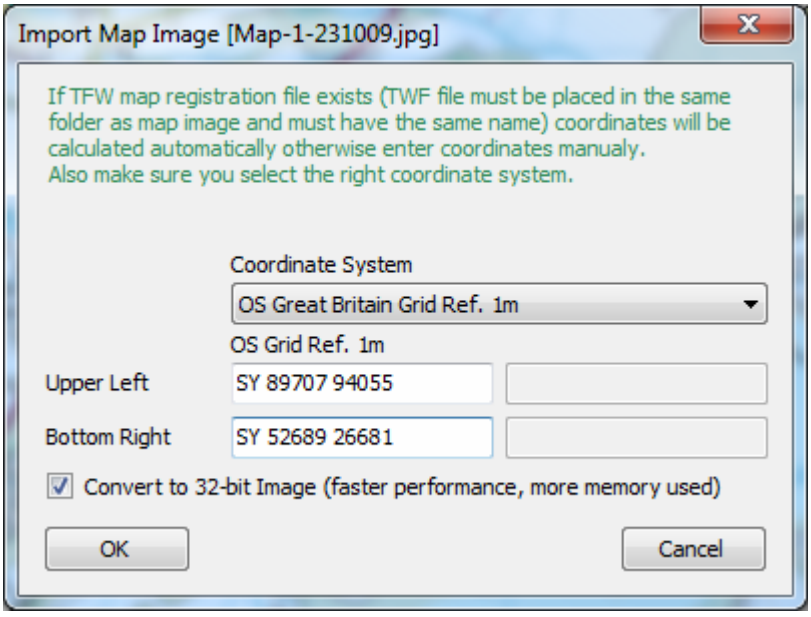
This window will appear.



Choose the coordinate system required for use with the map unless a TFW map registration file exists, in which case follow the instructions in “green” text.



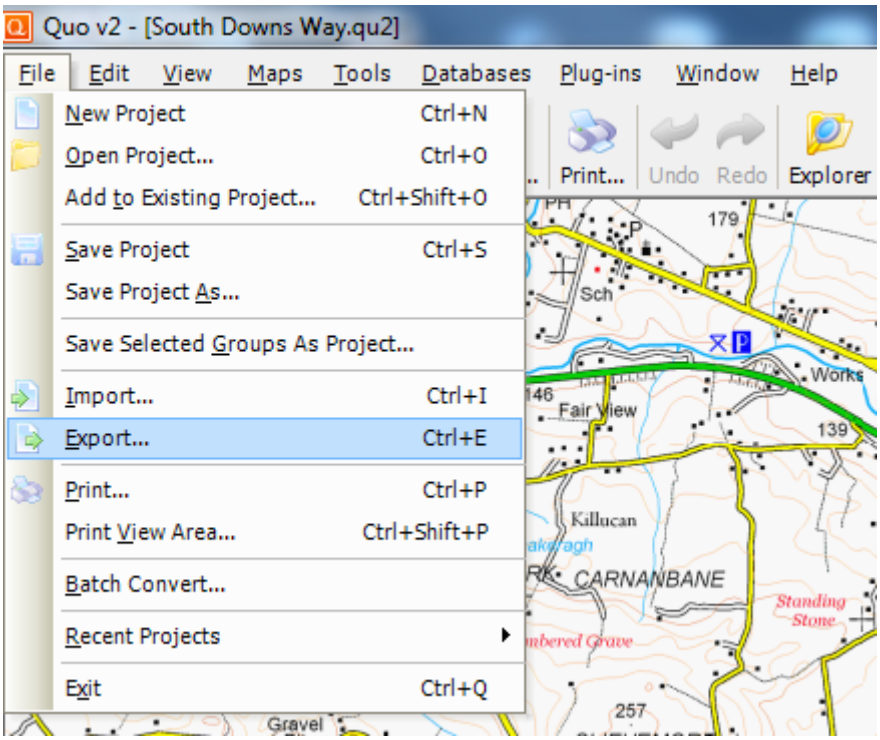
Enter the coordinates.



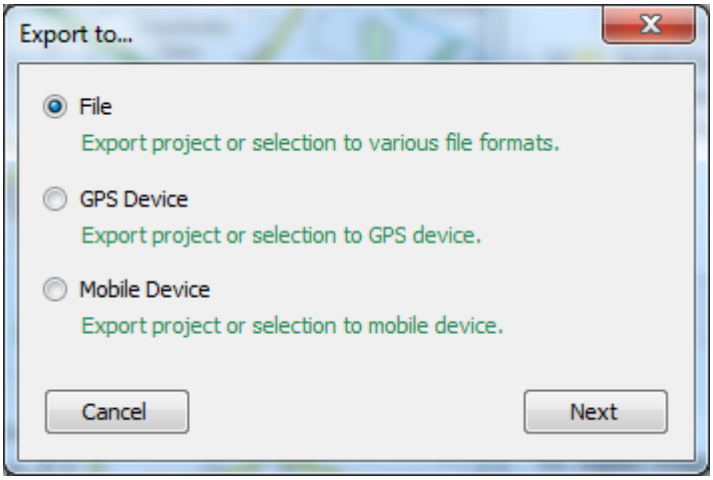
Once entered click ‘OK’ and the map will have been imported.

5.9 Export

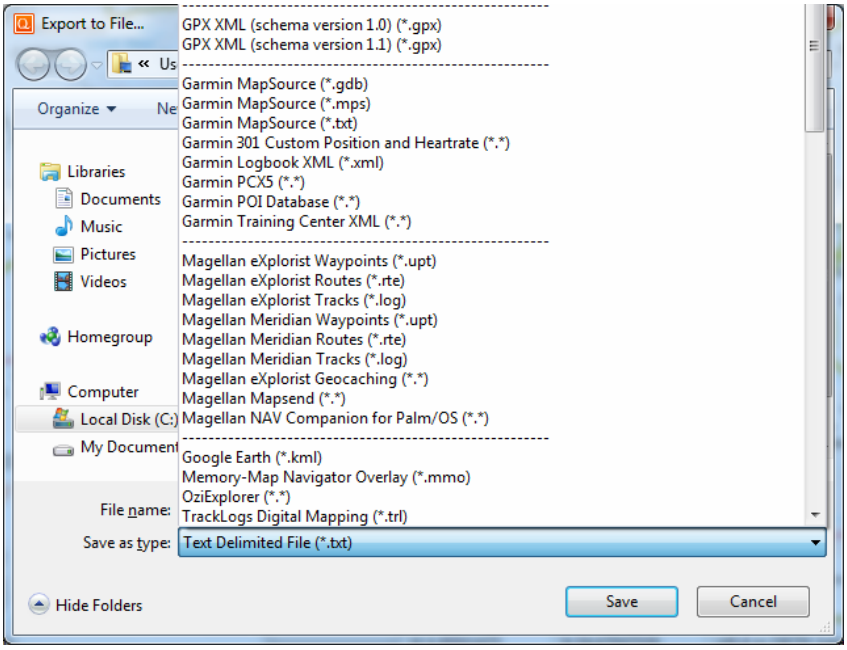
Export files to other devices or software with this function.



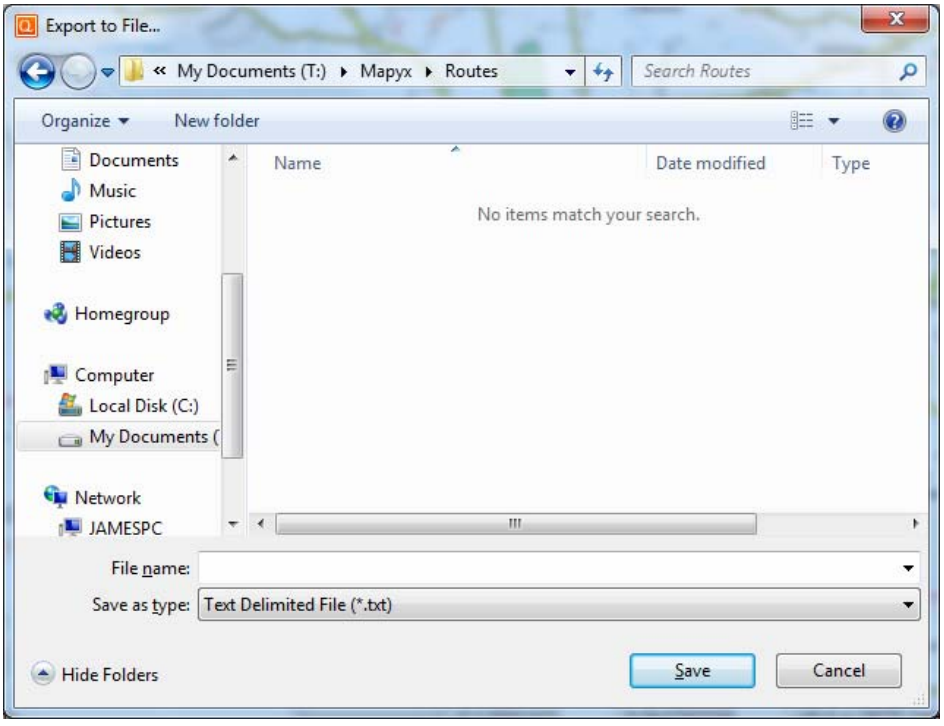
Select the “Export” function and this window will appear.



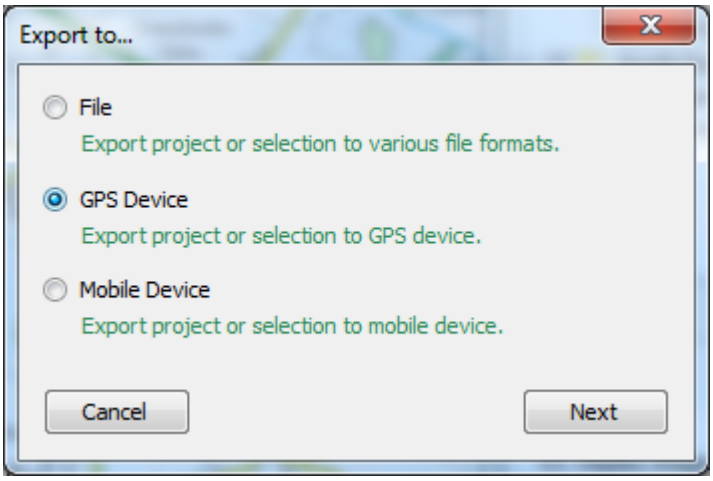
From this window the type of data to be exported can be selected.



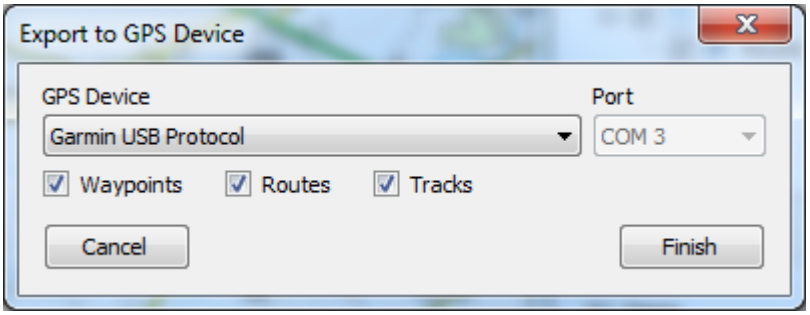
A file name will then need to be typed and then click ‘Save’.



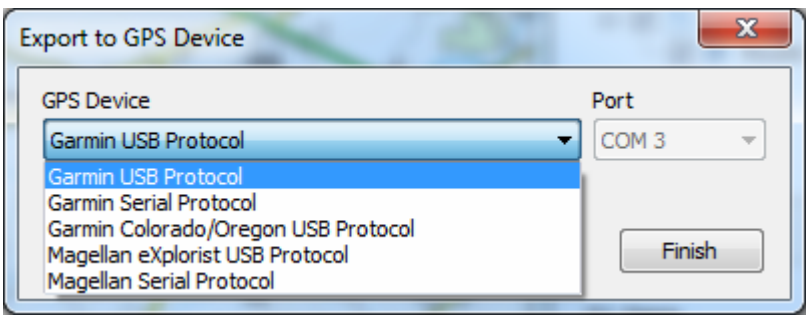
GPS Device



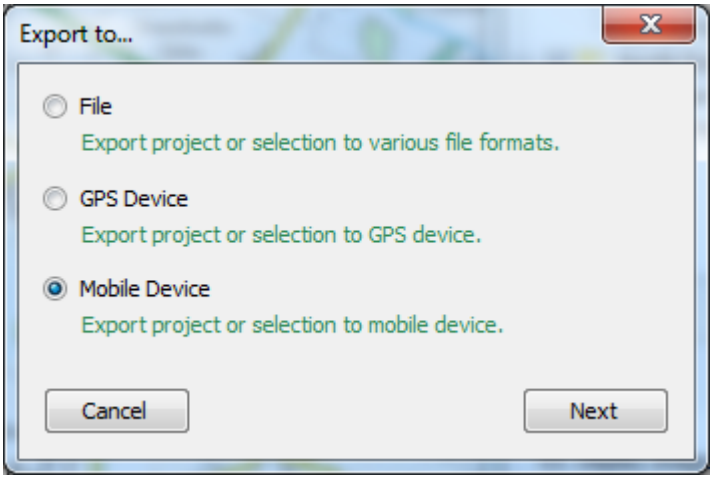
When ‘GPS Device’ has been selected this window will appear.



In this window select the appropriate GPS device from the “Drop down list” as shown below.
There is also an option to export waypoints, routes or tracks. Select them all or specific ones by selecting or de-selecting them. If the tick is shown in the box, that data will be exported, if there is no tick, that data will not be exported.

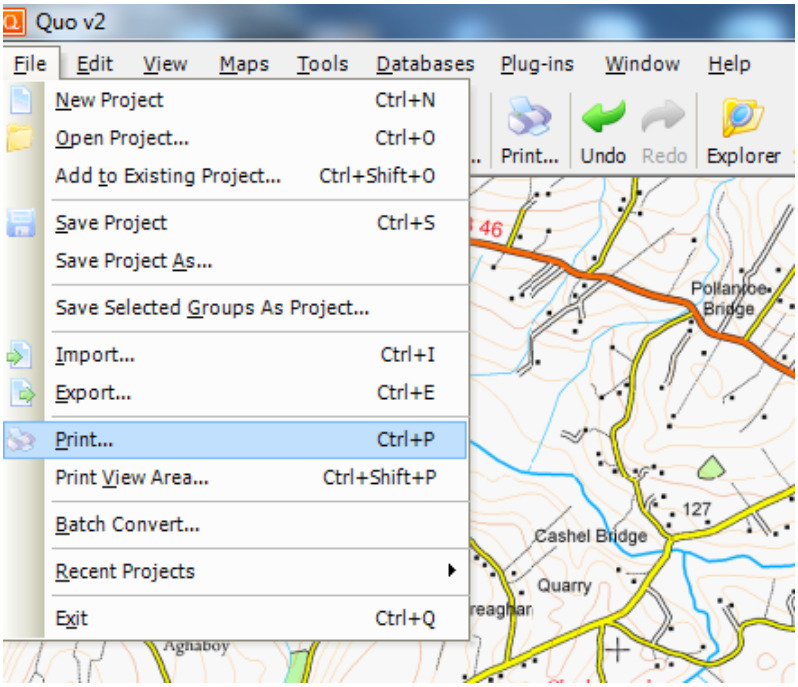


Mobile Device.

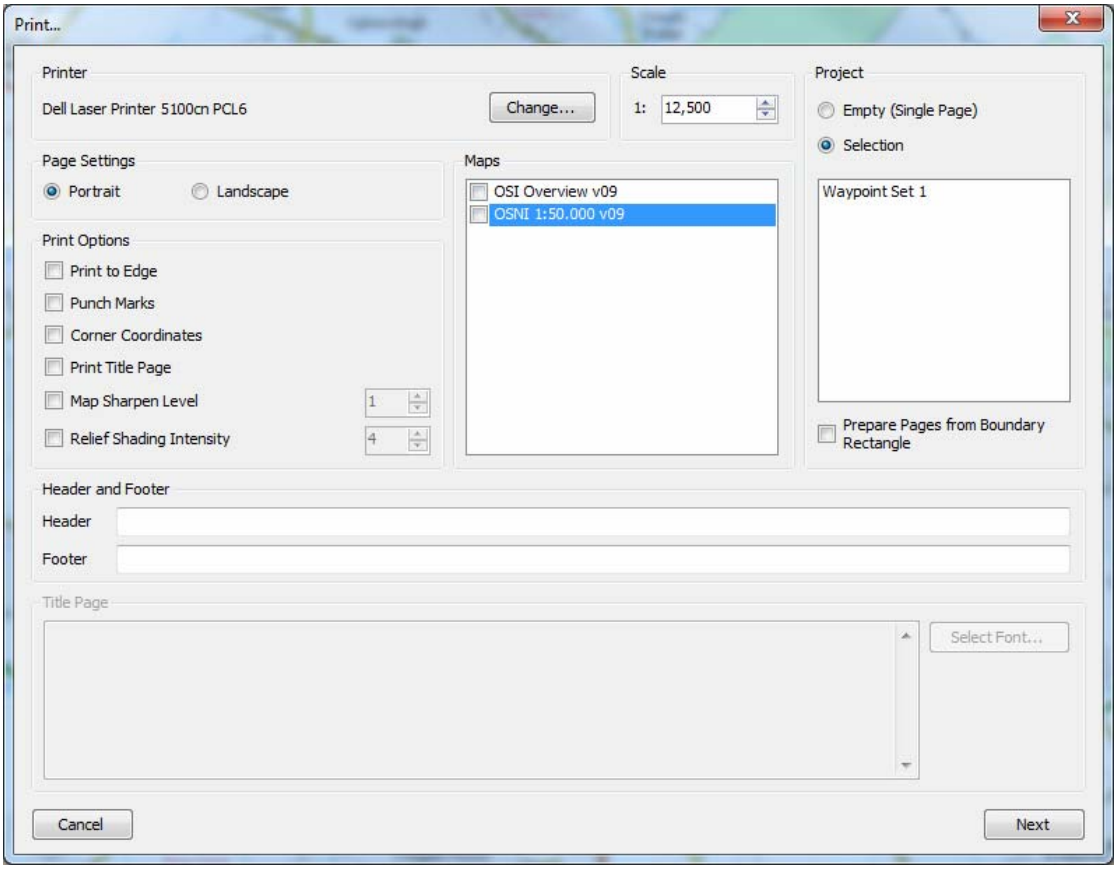


5.10 Print

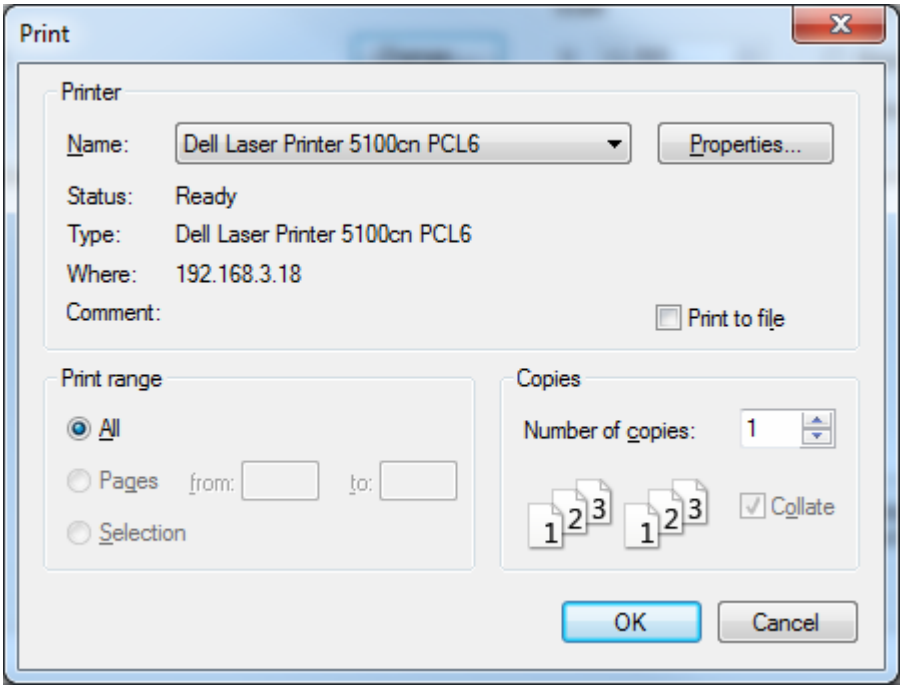
This is the function for printing maps and project information.



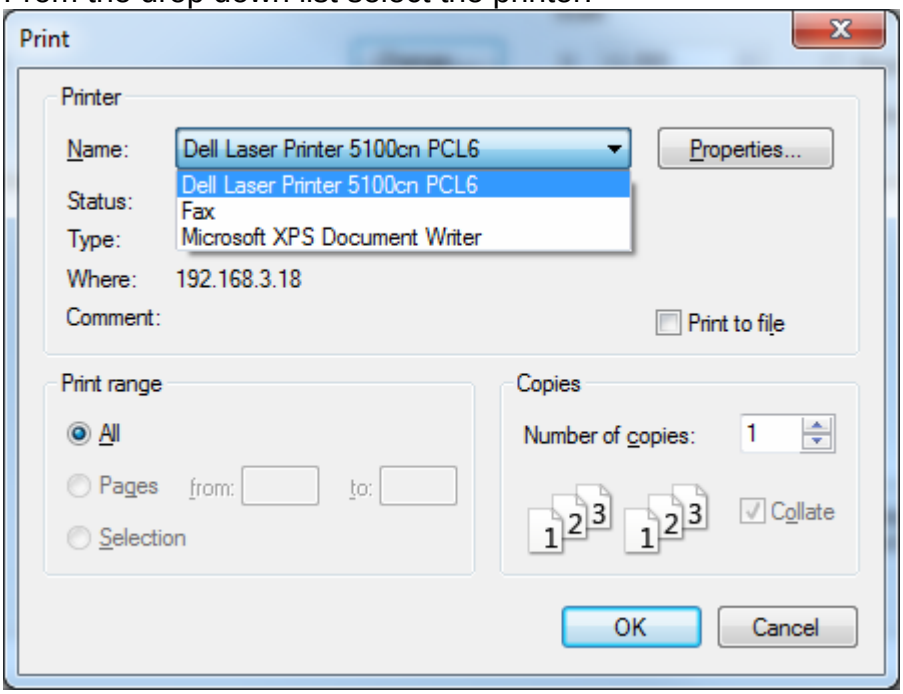
Select the print function and this window will appear.



Firstly choose the device to print to; this is done under the section ‘Printer’. Click the ‘change’ button and this window will appear.

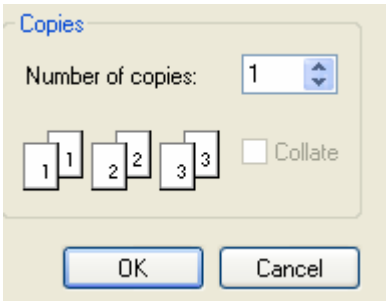


From the drop down list select the printer.

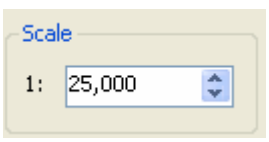


There is a button for the properties of the printer. Please refer to the printer user manual for these functions.

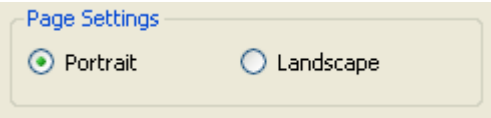
There is also the option to print to file. This function can be used with such programs as a PDF writer.
The amount of copies can be selected by using the up and down arrows as shown below, if printing multiple copies they can be collated by ticking the 'collate' box.



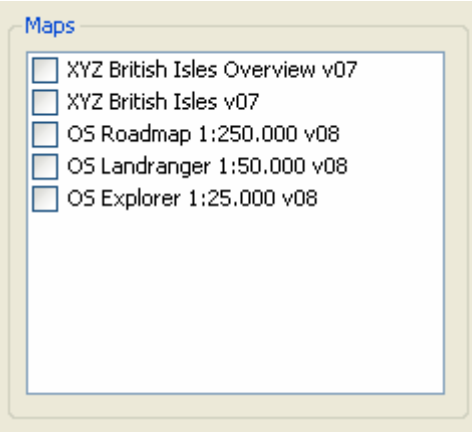
Once the printer is selected the scale can be chosen.



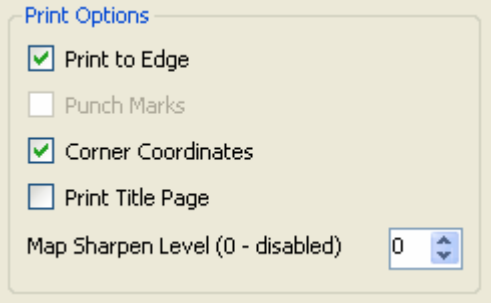
There is the option to print in either Portrait or Landscape



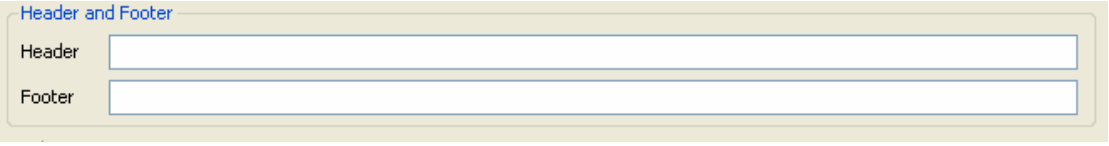
In the ‘Maps’ section tick the box for which scale of map to print.



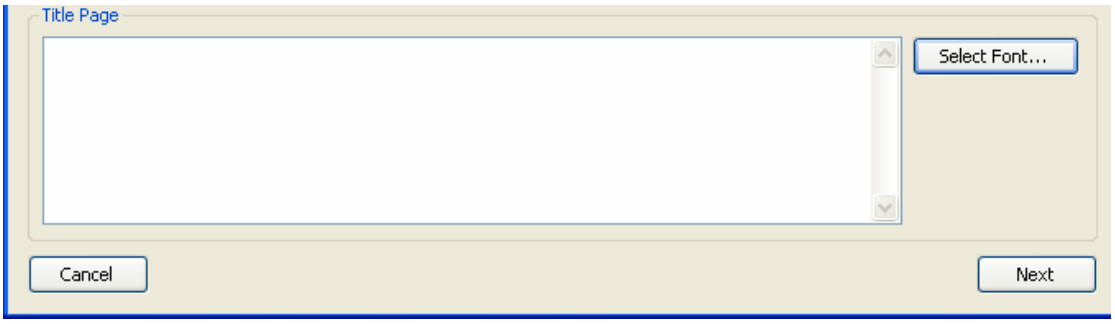
The ‘Print Options’ section allows different print options by selecting or deselecting the box next to each setting.



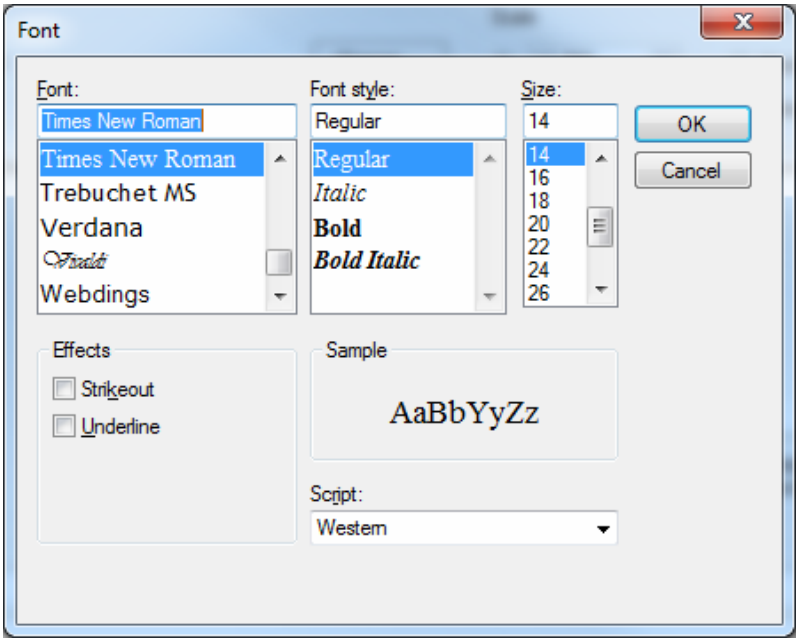
The ‘Header and Footer’ of the page can be added by simply typing text in the boxes provided.



The ‘Title Page’ box will only become active if ‘Print Title Page’ is selected within the ‘Print options’. This will print a tile page for the document. There is an option to change the font by clicking on the ‘Select Font’.

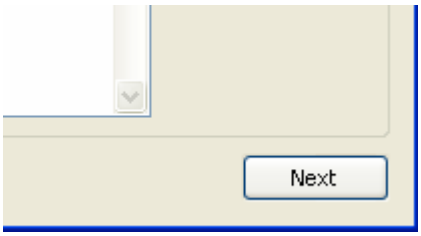


Click on the ‘select font’ button and this window appears.

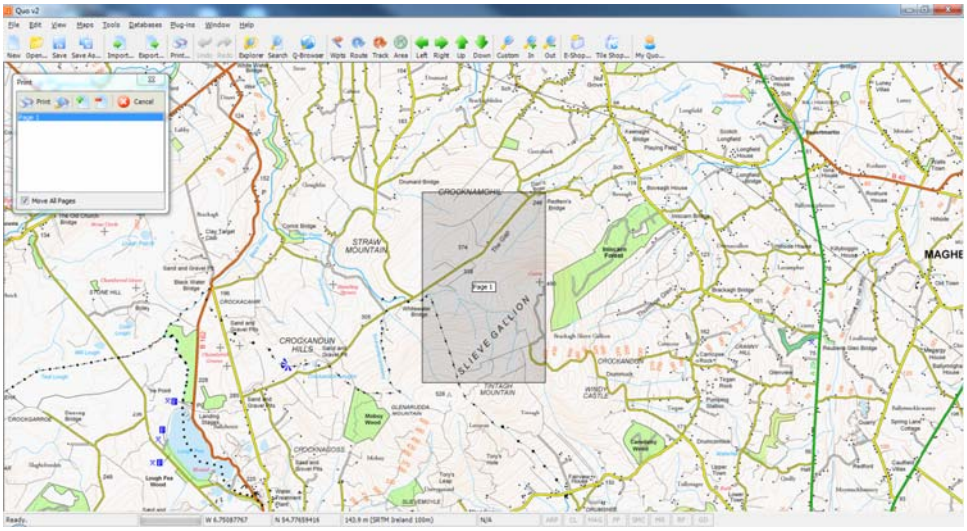


This window is similar to other software applications and allows font, font style and font size selection.

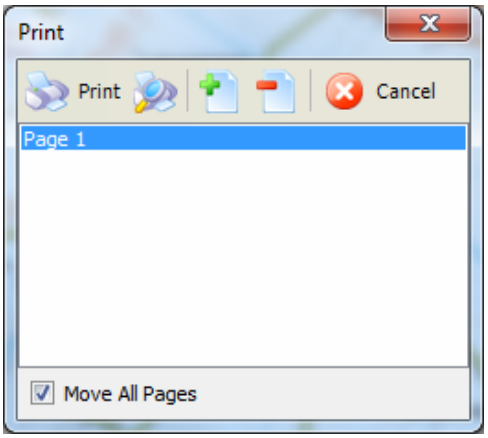
When the print page is set up, click the ‘Next’ button in the bottom right of the print window.



The screen should look similar to this.



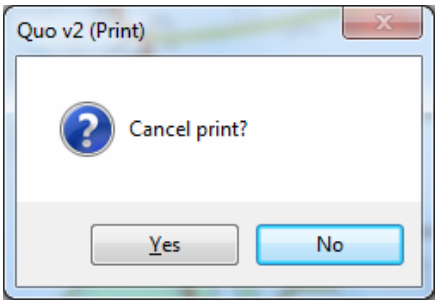
The grey area is the page that will be printed. This can be moved around by left clicking and dragging the grey box.



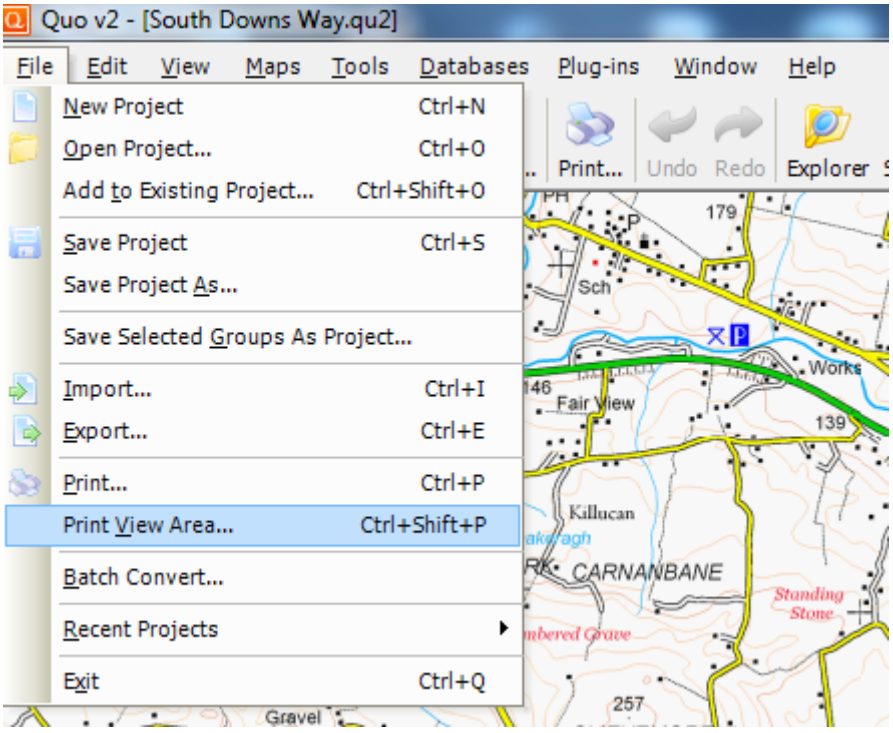
Pages can be added or subtracted by clicking the plus or minus buttons within the print window which is shown above. The print preview is the button with a magnifying glass and printer. The print button will then print the selected map. The cancel button will cancel the printing.

The “Move All Pages” box when ticked means that all pages are synchronised and move together. Uncheck the box to move pages individually.

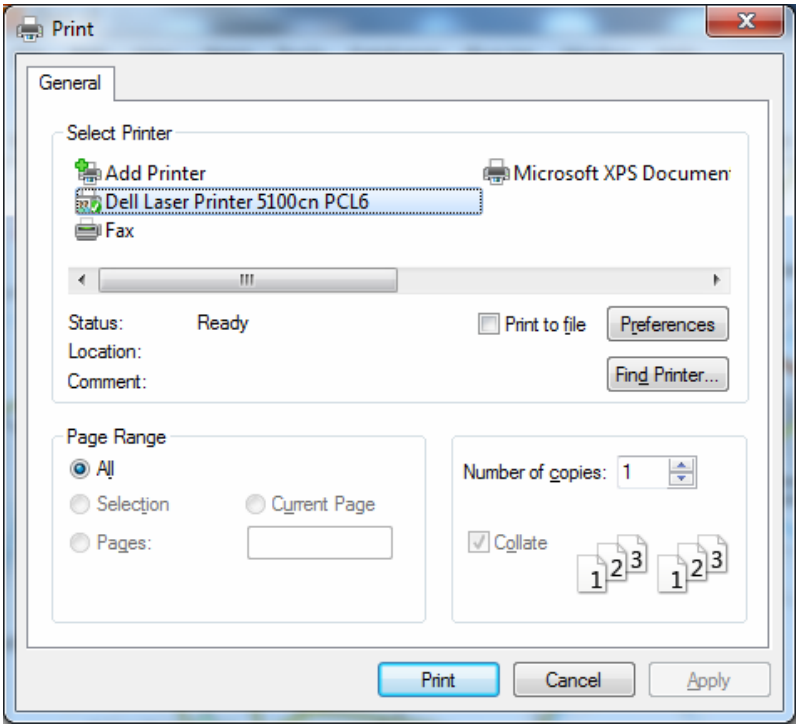
Click the cancel button and the following window will appear to cancel the print, with the options yes or no.



5.11 Print View Area

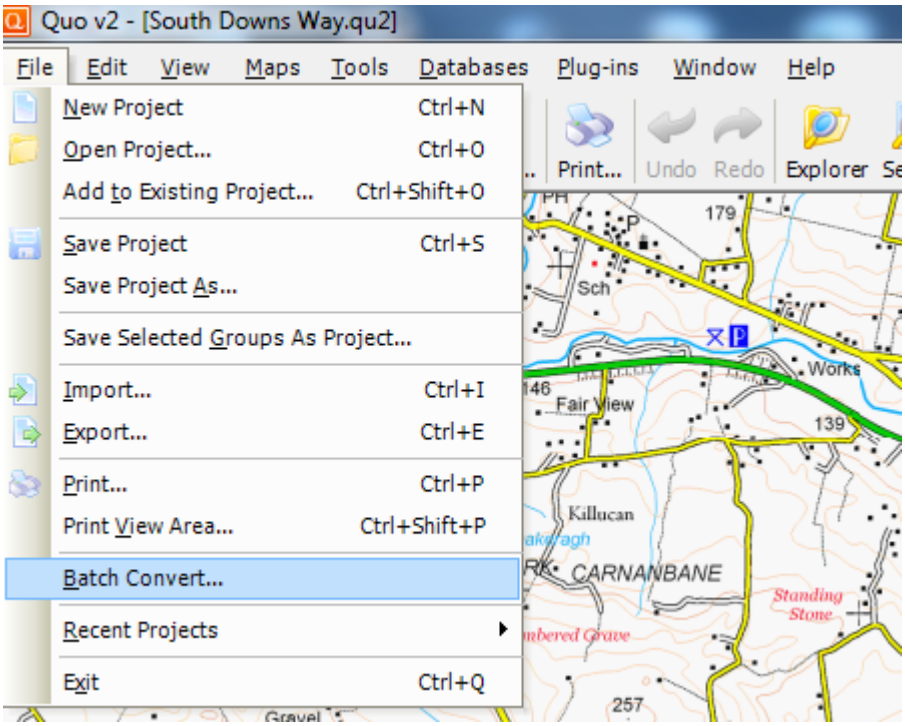


Click on ‘Print View Area’ and the following window appears.

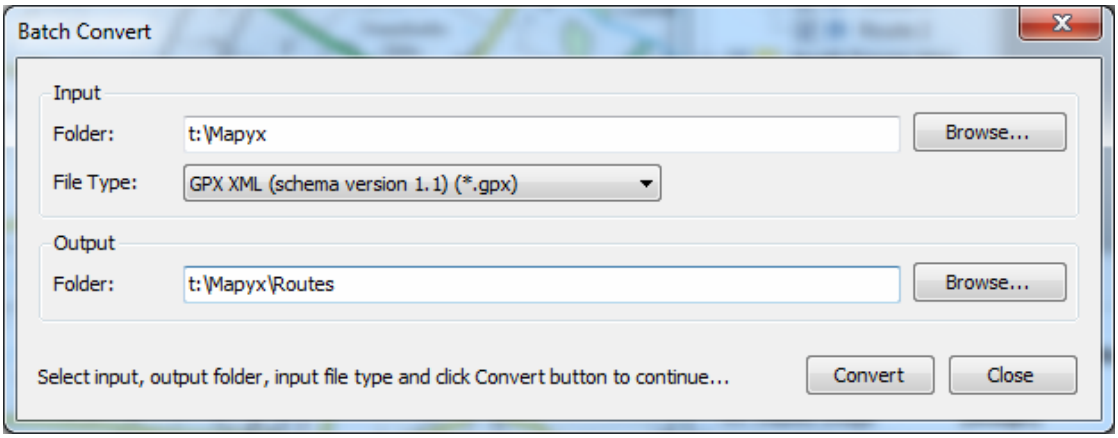


From here setup the page and preferred printer settings, click print to print page.

5.12 Batch Convert

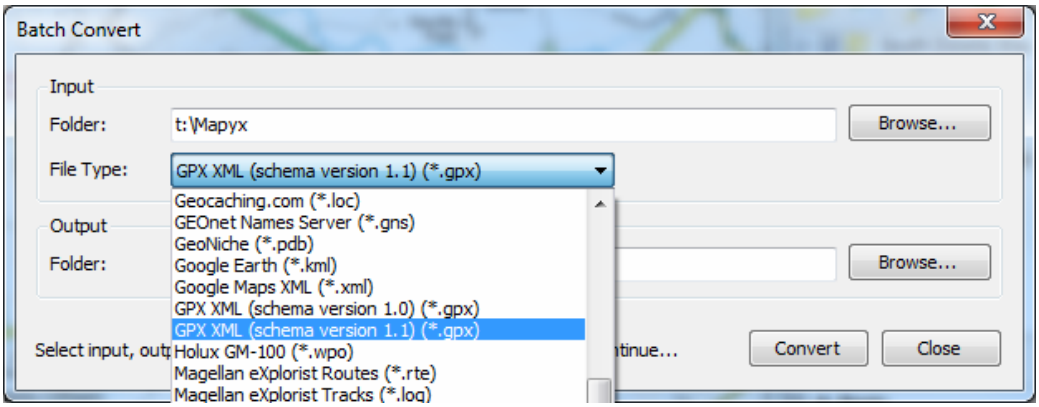


When the ‘Batch Convert’ is selected under the file menu the window below appears. This function takes a complete folder containing multiple files in the same format and converts them all in to Quo files.



To select a folder click the browse button, then browse to find the folder where the files are stored that are to be converted.

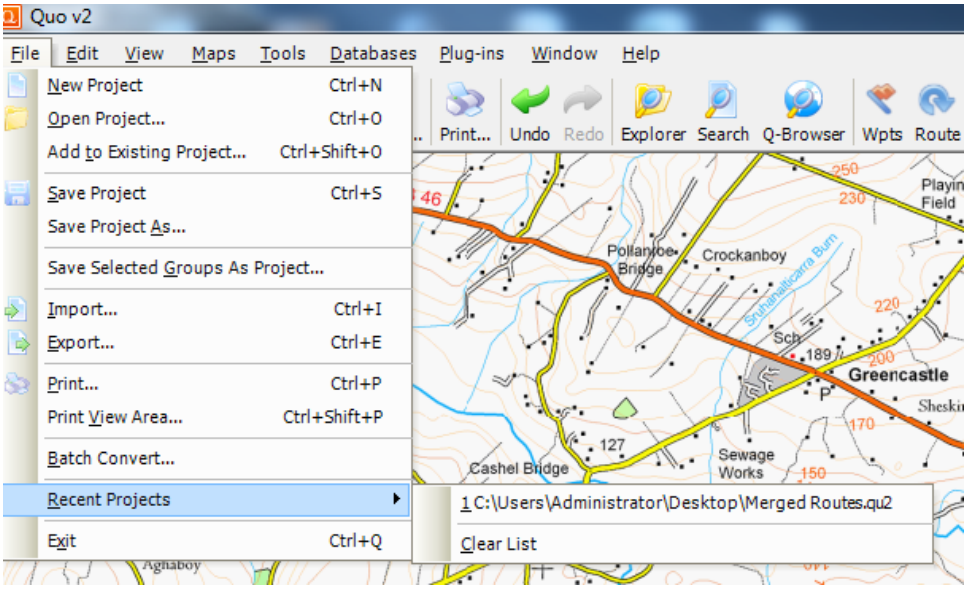
Select a ‘File Type’ this can be done by clicking on the blue arrow just to the right and then this menu will appear.



Select the files for conversion.

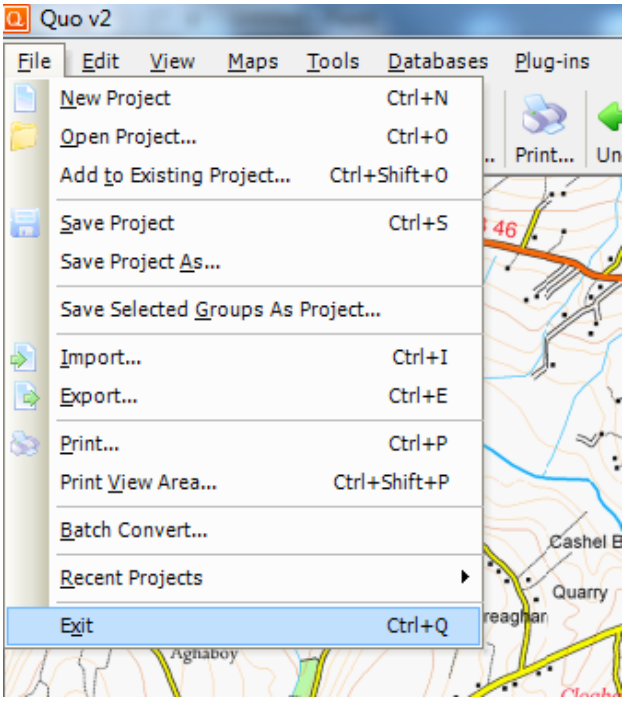
Once selected, browse for a folder where the converted files will be stored. Select a location and either click ‘Convert’, which will convert previous files into Quo files or click ‘cancel’ to cancel the conversion.

5.13 Recent Projects



This function shows projects that have recently been opened within Quo. From here, select the project to load from the sub-menu and it will load in Quo.
Click on the 'Clear List' button to clear all of the recent projects.

5.14 Exit

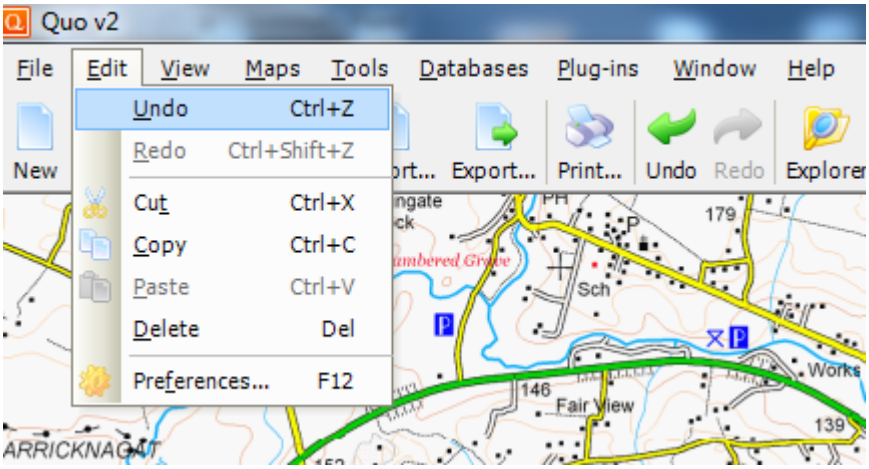


This function, when clicked exits the program and closes it down.

6.0 EDIT MENU

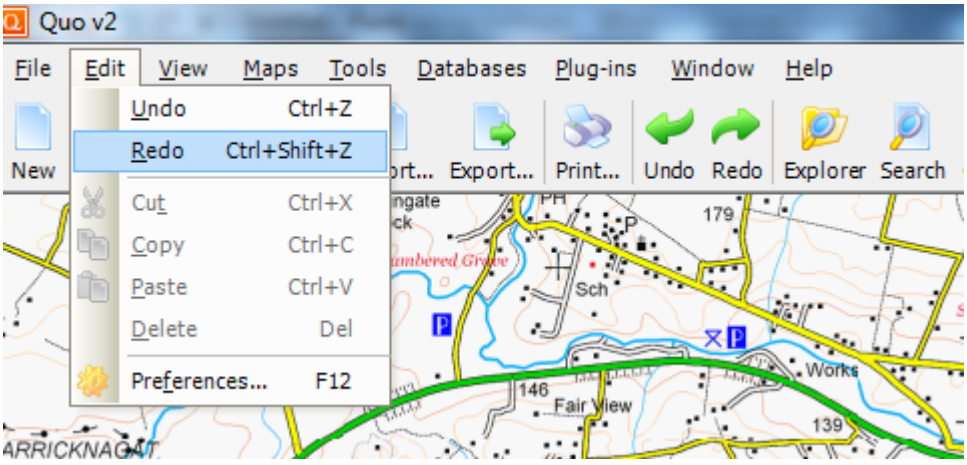
The functions within this menu are similar to many other software applications.

6.1 Undo



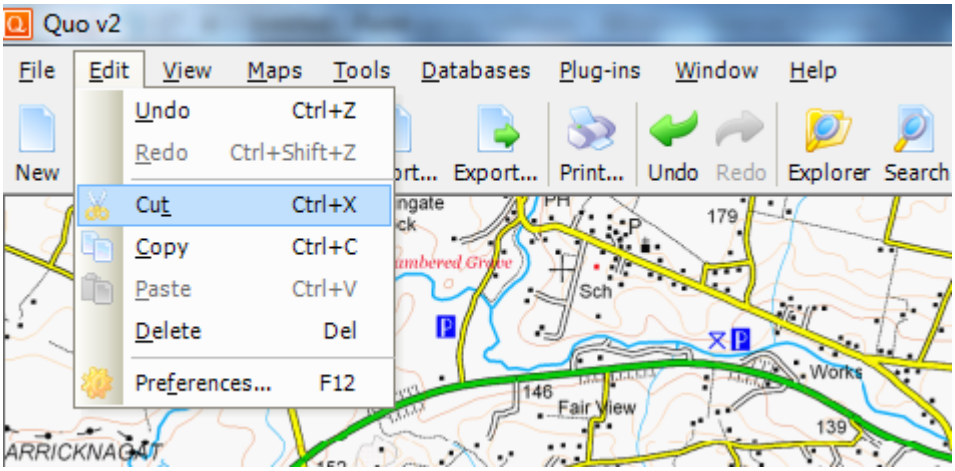
This function enables users to “Undo” actions/work just performed.

6.2 Redo



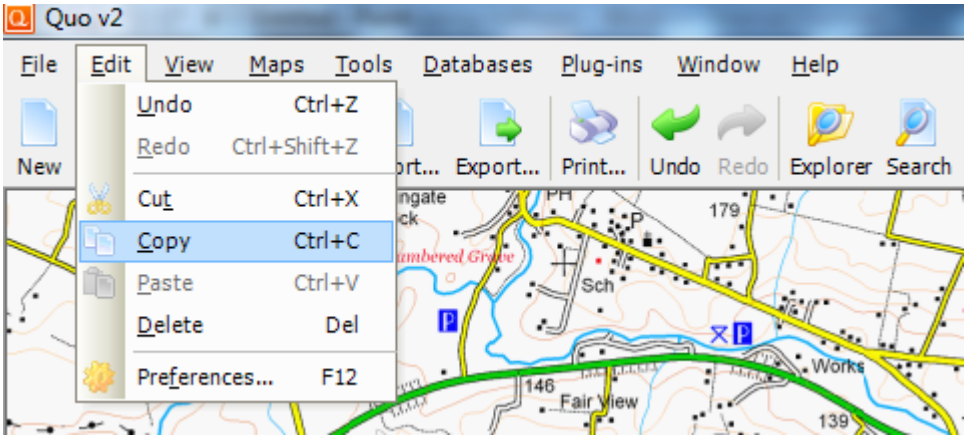
This function enables users to “Redo” the action which was undone when using the “Undo” function.

6.3 Cut



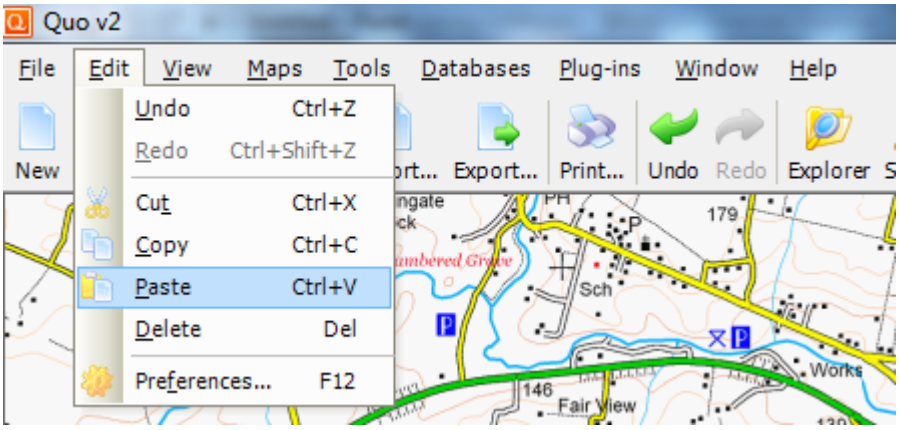
The “Cut” function enables to completely cut a selected object within the program and move it to a different location by using the “Paste” function.

6.4 Copy



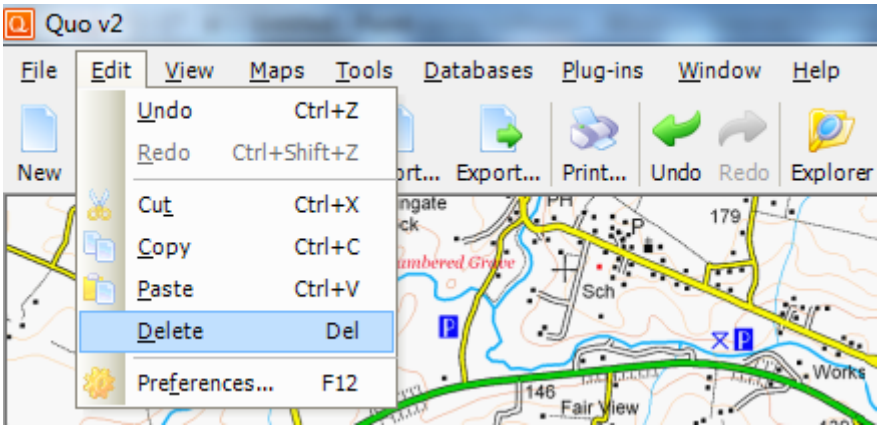
The “Copy” function enables to copy selected objects within the program and “Paste” to a different location.

6.5 Paste



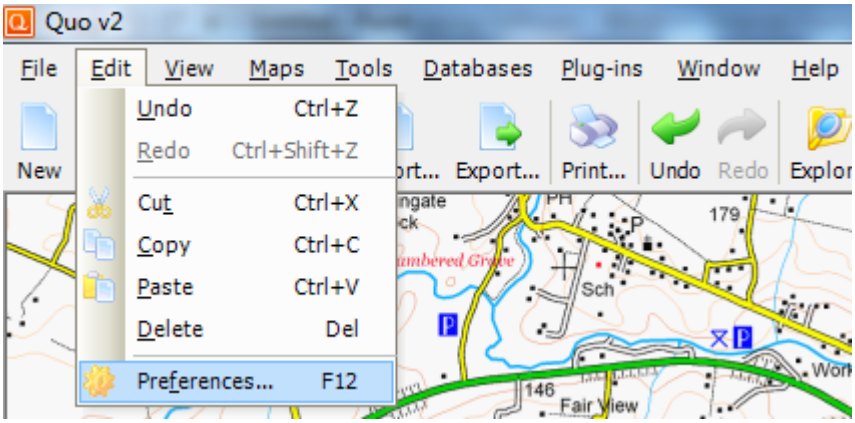
The “Paste” function will only become available when the “Cut” or “Copy” options within the “Edit menu” have been used. This enables users to paste an item that has been cut or copied previously in a different location.

6.6 Delete



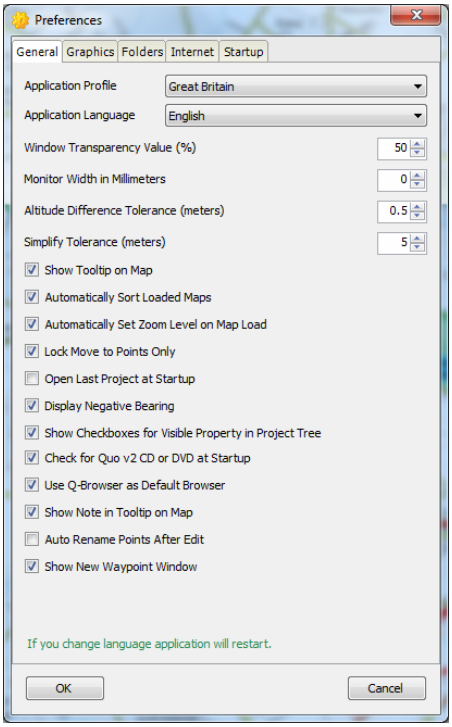
The “Delete” function will delete an item within Quo.

6.7 Preferences



This function will allow the adjustment of preferences within Quo.

6.8 General Tab



Application Profile

Instead of having different versions of Quo we introduced ‘Application Profile’ It stores the basic settings on behalf of Quo version (home page for example).

Application Language

This function allows the language that the program displays to be changed.

Window Transparency Value (%)

Allows the transparency of windows to be adjusted.

Monitor Width in Millimetres

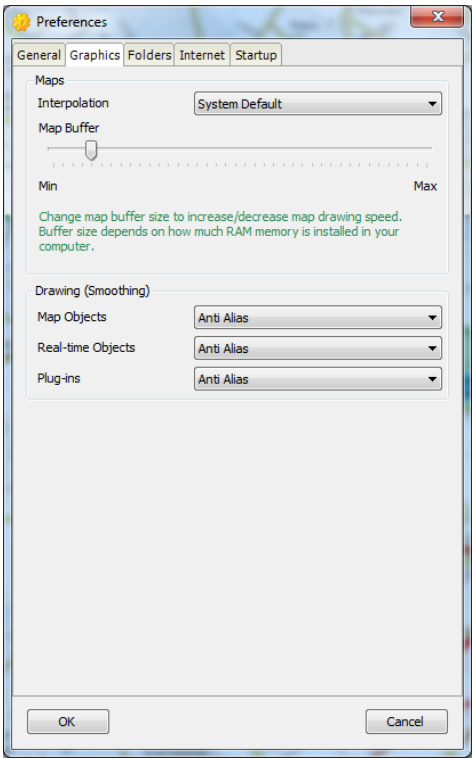
Allows users to enter their monitor width to properly display map scales on their monitor.

Altitude Difference Tolerance (metres)

In order to avoid "noise" in digital model of terrain (or GPS) data ADT is used. It means that altitude change from start to end points must be greater than the Tolerance.
The purpose is to calculate Ascent and Descent properly, taking into account the ascents and descents.

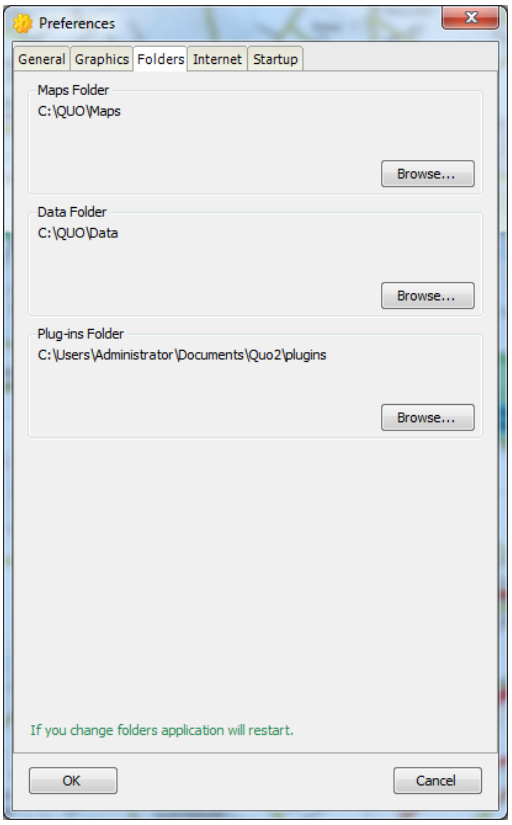
Simplify Tolerance (metres)	Very similar to ADT but used in order to avoid too many points in track log that a user can simplify. A straight line of 100 points would be reduced to two points after simplifying i.e. the starting and ending points. The greater the tolerance, the less points are used.
Show Tooltip on Map	When cursor is in vicinity of map object, its basic info is shown as tooltip.
Automatically Sort Loaded Maps	This will automatically sort the maps you load into Quo.
Automatically Set Zoom Level on Map Load	When new map is loaded map, the window will be set to default zoom level for that map.
Lock Move to Points Only	Map objects can be moved. Locking to points enables only points to be moved, not entire objects (route for example).
Open Last Project on Startup	If this option is checked the last project that was open in Quo will load the next time the software is opened.
Display Negative Bearing	If checked this displays a negative bearing.
Show Checkboxes for Visible Properly in Project Tree	Project tree can show/hide checkboxes to enable fast show/hide items in the tree.
Check for Quo v2 CD or DVD at Startup	If checked this will look for a Quo v2 CD or DVD when the Quo software opens.
Use Q-Browser as Default Browser	If checked Quo will use its built in browser.
Show Note in the Tooltip on Map	Each map object can have a note. It can be shown when cursor is in vicinity of the map object.
Auto Rename Points After Edit	If checked Quo will rename all points if a new points is added to existing data.
Show New Waypoint Window	This will bring up the Waypoint window options if checked.

6.9 Graphics Tab



Interpolation	Defines how raster maps pixels will be shown (interpolation between pixels when doing zoom in/out).
Map Buffer	Defines how much memory will be used to buffer the maps. Drawing maps from memory is faster than drawing from disk.
Map Objects	Lines can be drawn as zig zags (faster) or as smooth line (slower).
Real-time Objects	Real time objects (moving car, shape, etc) can have lines as well. Lines can be drawn as zig zags (faster) or as smooth line (slower).
Plug-ins	Plugins can draw lines as well. Lines can be drawn as zig zags (faster) or as smooth line (slower).

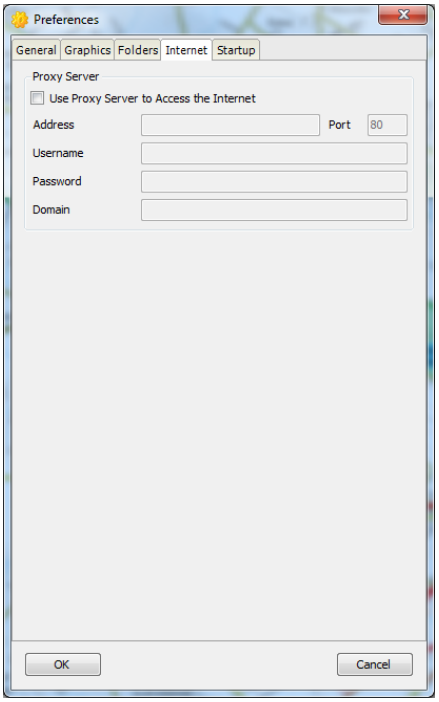
6.10 Folders Tab



This option allows users to change the location of where the maps, data and plug-ins are located. This can be changed for each item by clicking 'Browse'.

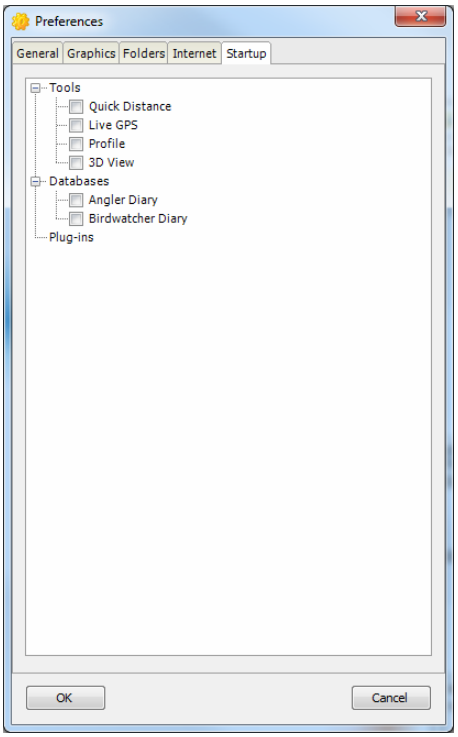
Maps Folder	The location of the maps folder.
Data Folder	The location of the data folder.
Plug-ins Folder	The location of the plugins folder.

6.11 Internet Tab



Proxy Server – if a user has a proxy server to access the internet the settings will need to be entered into this section for Quo to access the internet.

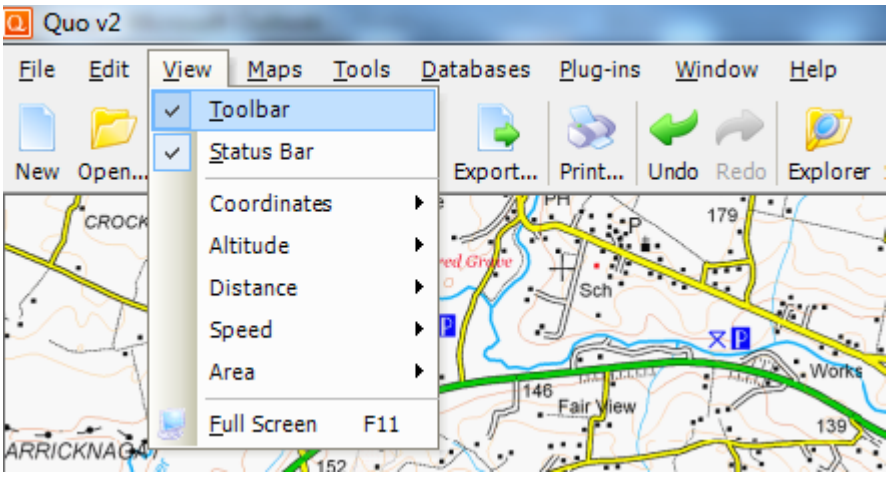
6.12 Startup Tab



The options here determine which functions open up every time you open Quo.

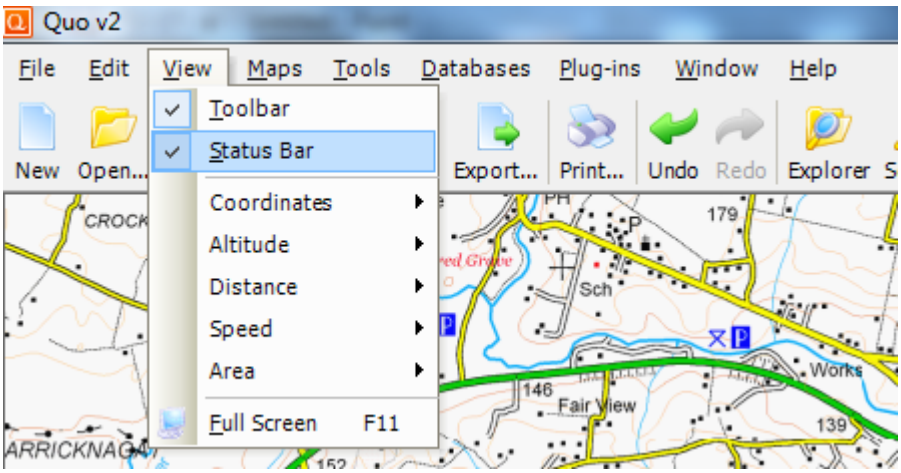
7.0 View Menu

7.1 Toolbar

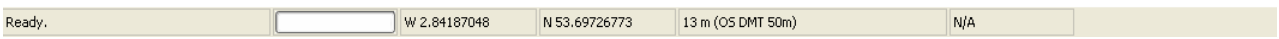


This is where to turn the “Toolbar” on and off. If there is a tick next to the “Toolbar” this means it is turned on.
This is the “Toolbar”.

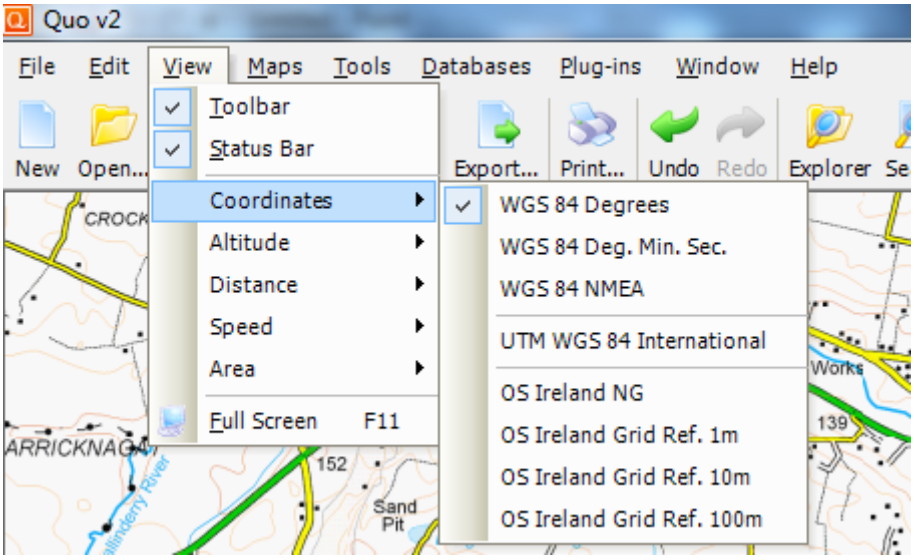
7.2 Status Bar



This is where to turn the “Status Bar” on and off. If there is a tick next to the “Status Bar’ this means it is turned on.
This is the “Status Bar”, it displays certain data.

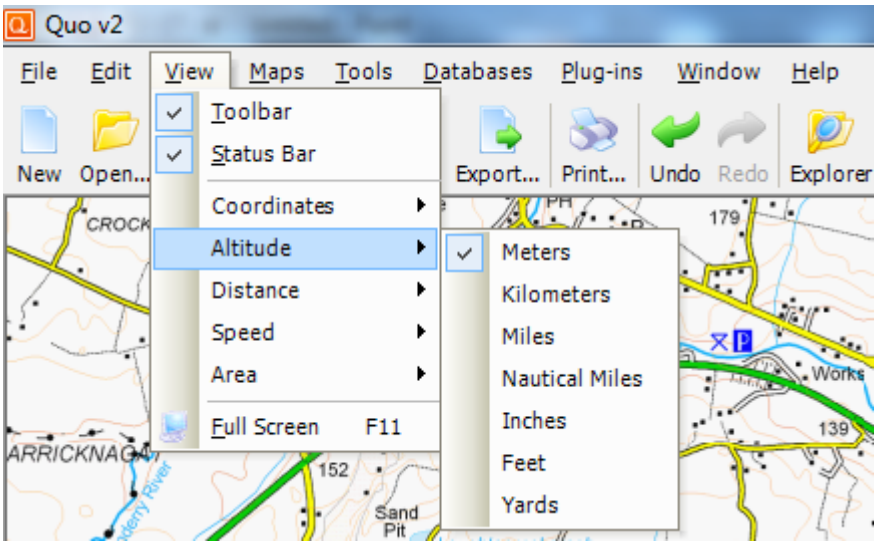


7.3 Coordinates



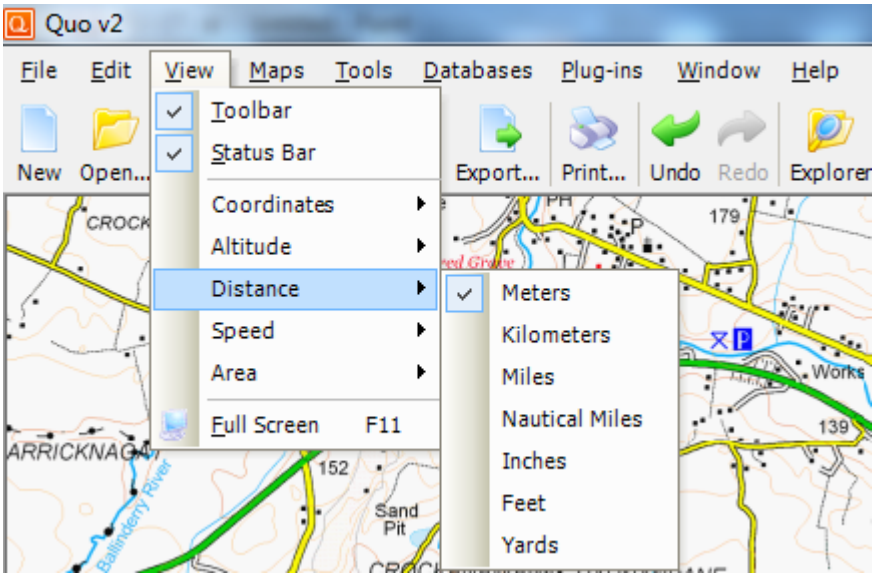
This is where to select the coordinates to use within Quo.
The coordinates that are being used will be shown with a tick next to them.

7.4 Altitude



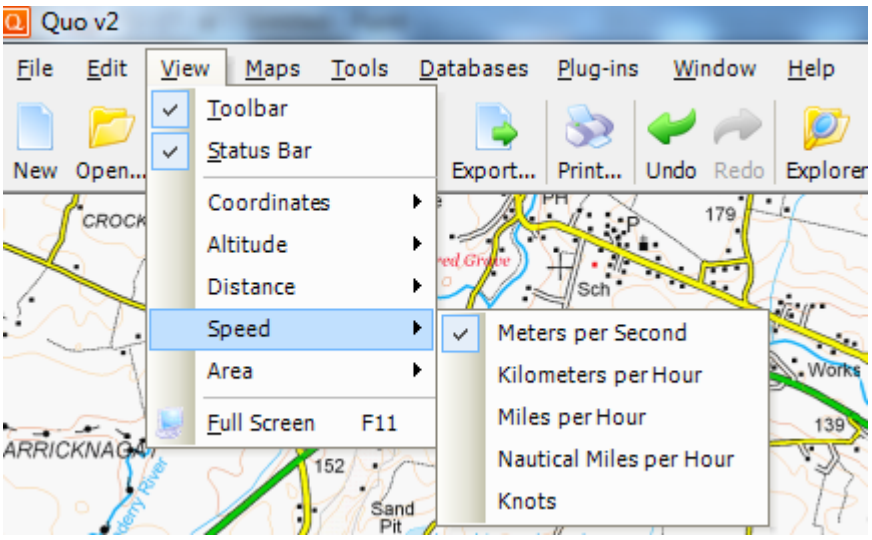
This is where to select the “Altitude units” to use within Quo. The Altitude units that are being used will be shown with a tick next to them.

7.5 Distance



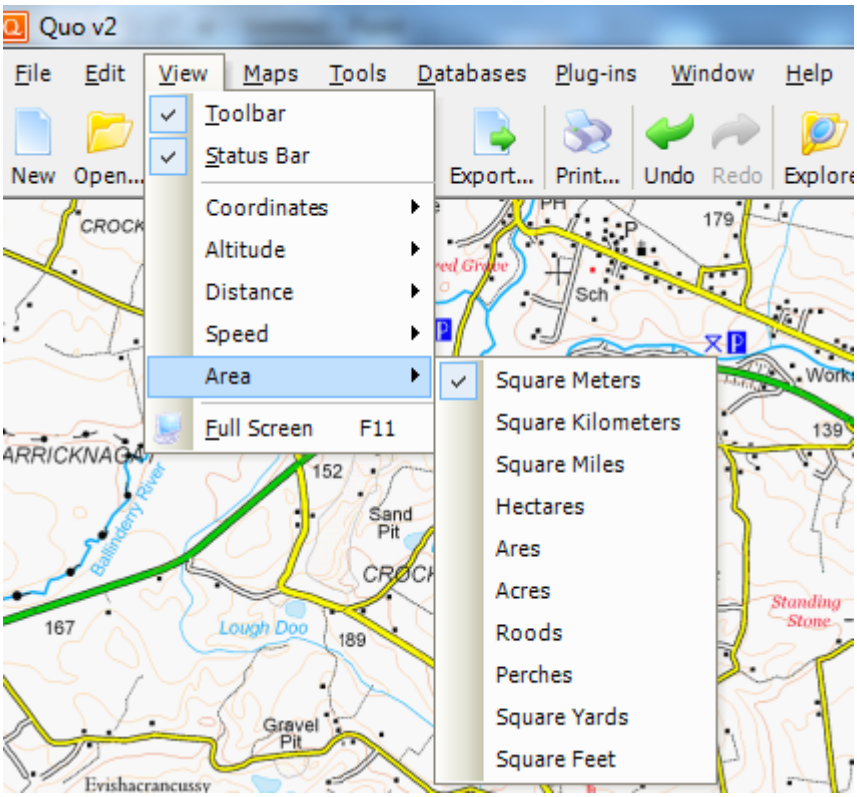
This is where to select the “Distance units” to use within Quo. The distance units that are being used will be shown with a tick next to them.

7.6 Speed



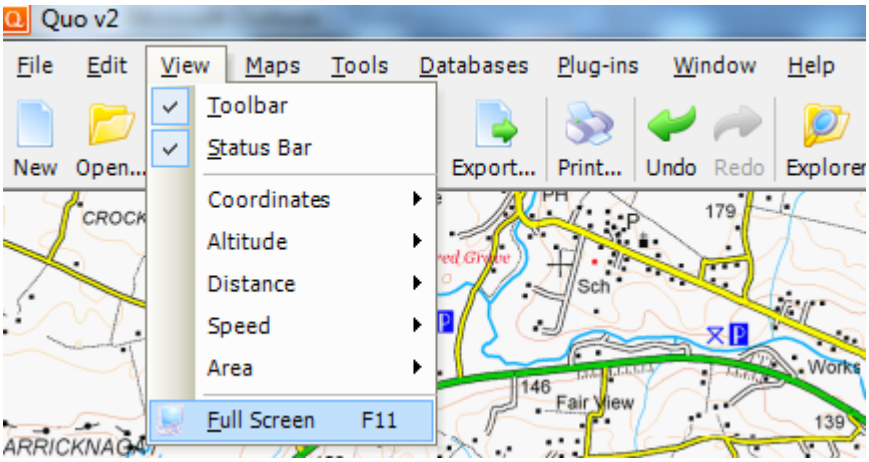
This is where to select the “Speed units” to use within Quo. The speed units that are being used will be shown with a tick next to them.

7.7 Area



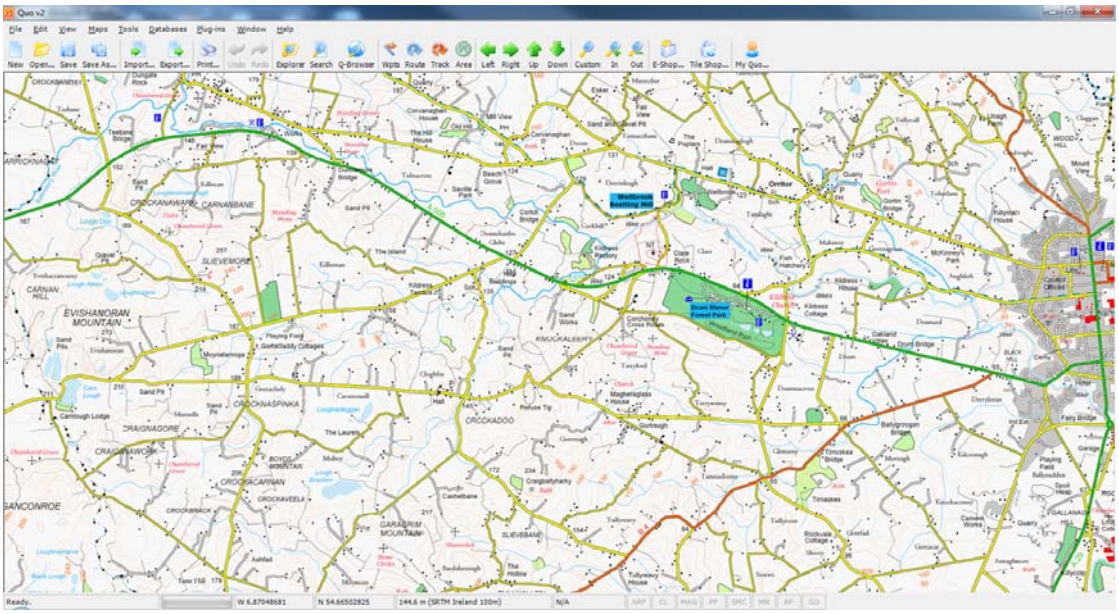
This is where to select the “Area units” to use within Quo. The area units that are being used will be shown with a tick next to them.

7.8 Full Screen

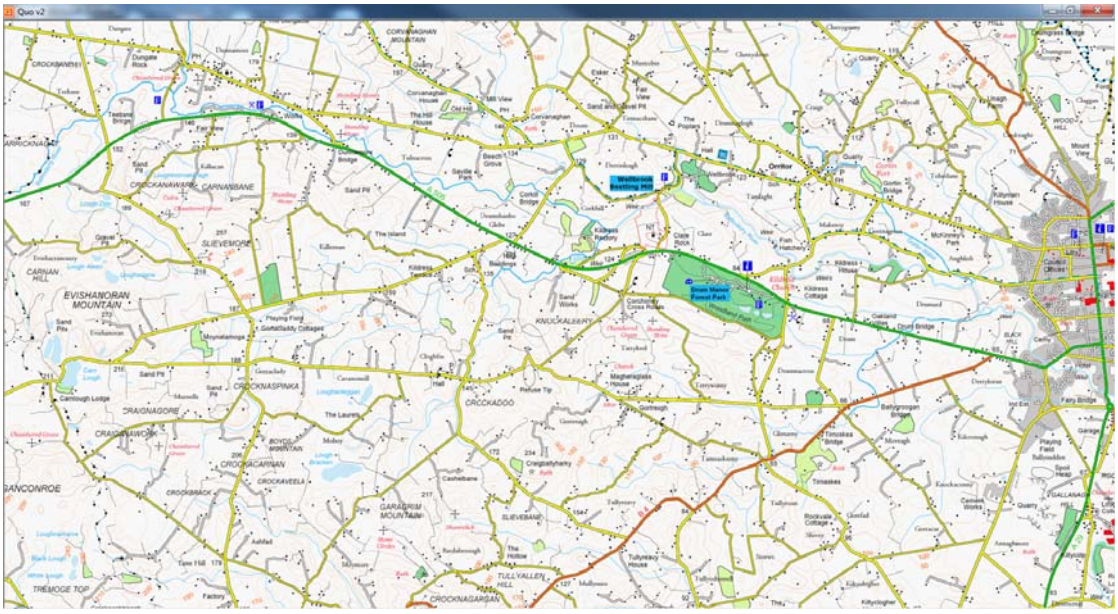


This will make Quo v2 full screen.

Normal:



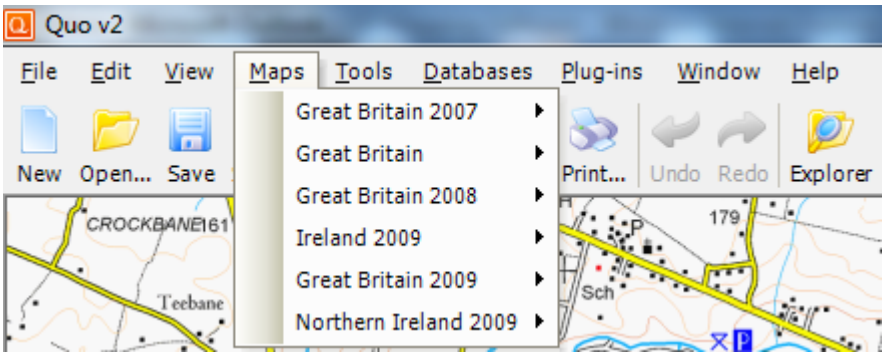
Full Screen:



Note that “Toolbar” and “Status bar” are no longer visible.
To return to Normal screen press the “F11” button.

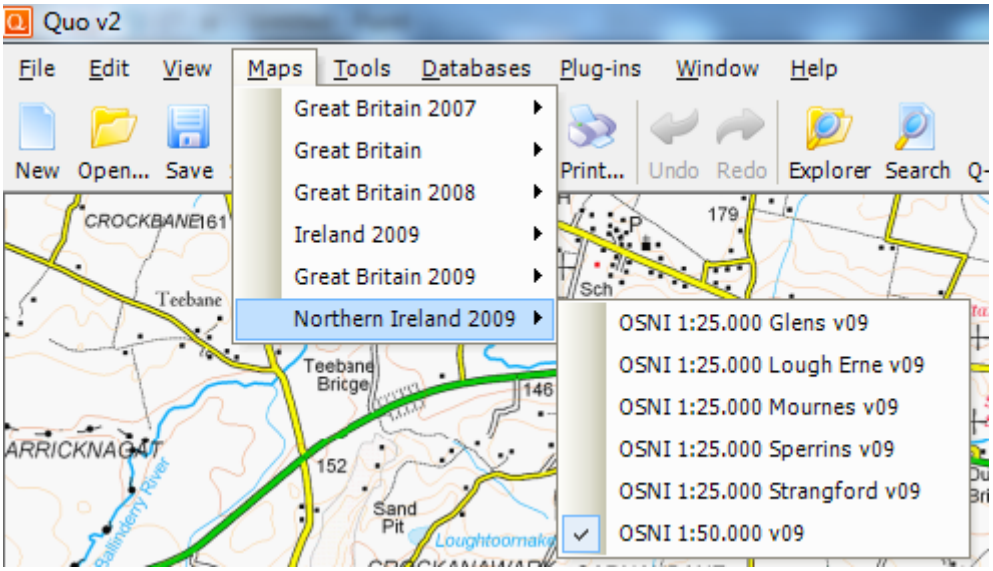
8.0 Maps Menu

8.1 Loading Maps



This menu is where to load purchased maps into Quo.

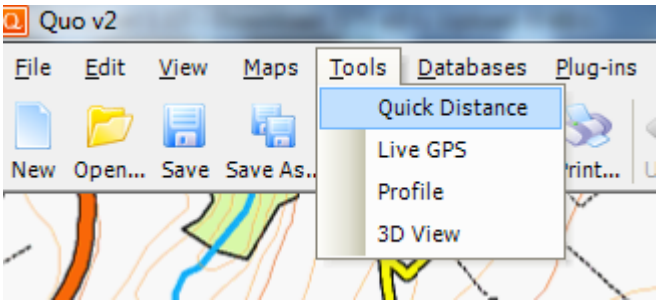
Select the country and the year of the maps to get a sub menu appear as shown below.



Where there is a tick to the left of the maps it indicates that those maps are loaded.
The menus shown under the “Maps” tab depend on which maps have been purchased.

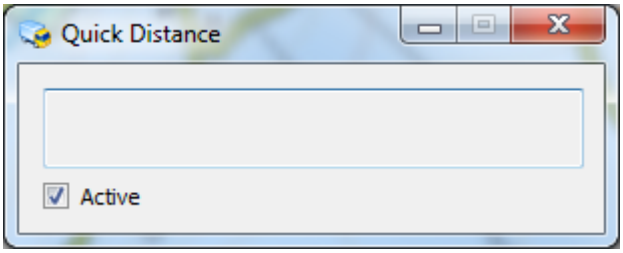
8.2 Tools Menu

8.3 Quick Distance

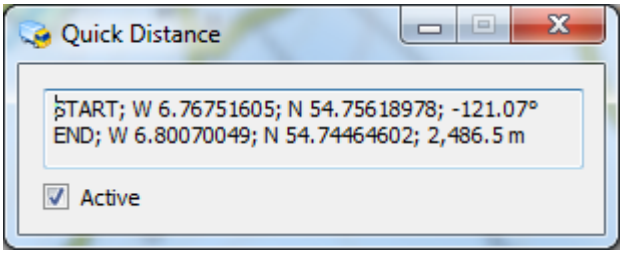


This function allows distances to be measured quickly.

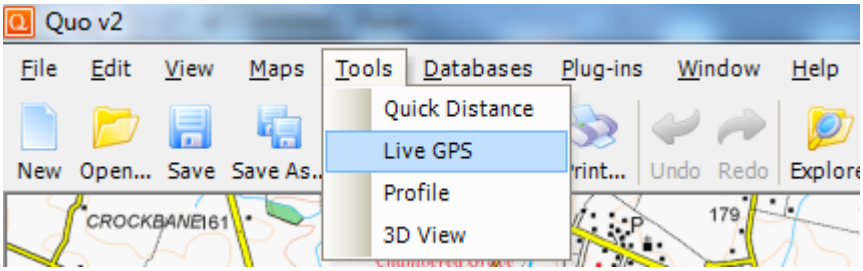
Click on ‘Quick Distance’ and this window appears.



To obtain the ‘Quick Distance’ simply click the start point and end point of which you wish to measure the distance and the distance will be displayed along with coordinates and bearings.

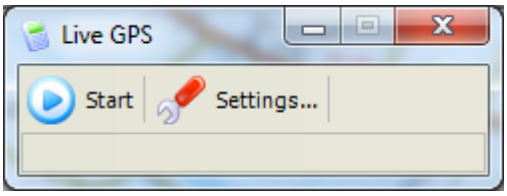


8.4 Live GPS

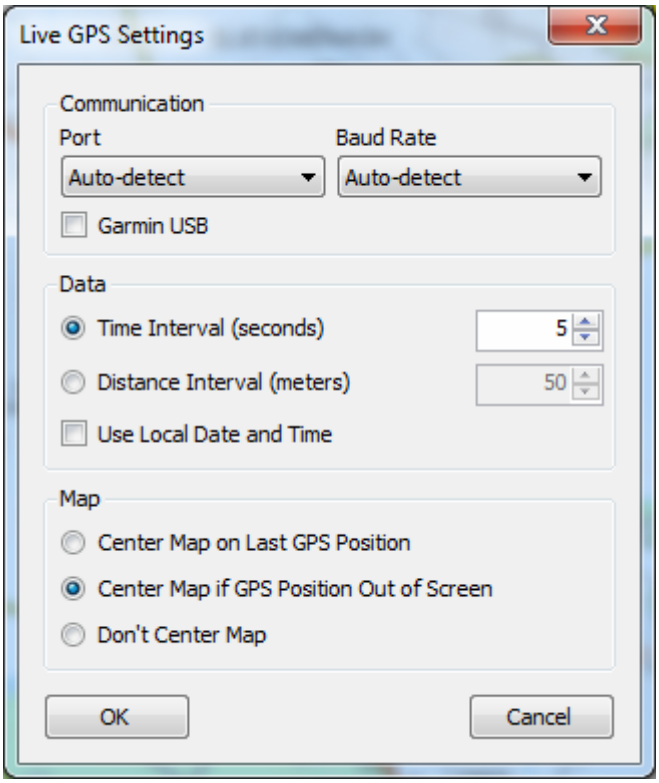


This function allows a live GPS link in Quo.

Click on “Live GPS” and the window below appears.



Before using the “Live GPS” function check that all the settings are correct for the GPS device. Click “Settings” and the window below will appear.

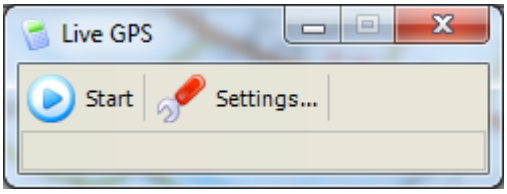


Within the “Settings” tab configure the “Communication” with the GPS device.

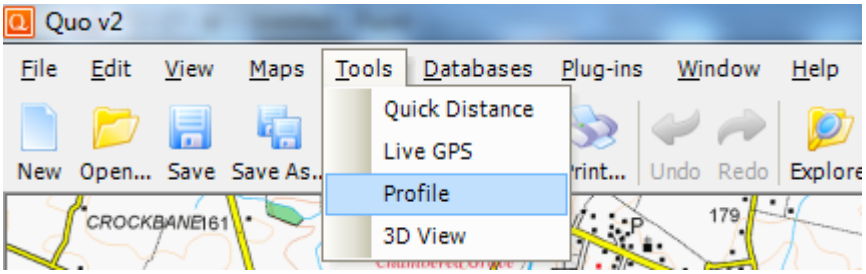
The “Data” section allows tracking by either a specified time interval or by a specified distance interval.

The “Map” section allows positioning the GPS position within Quo when tracking with the live “GPS function”.

Once the settings are correct; click “OK” and return to the box below and click “Start” to use the “Live GPS”.

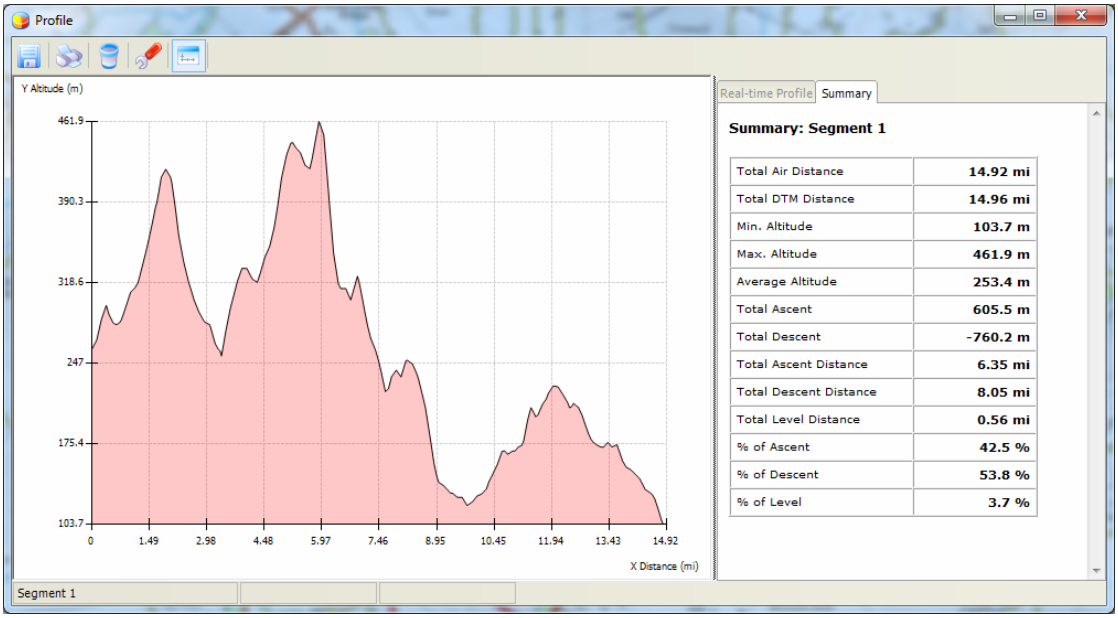


8.5 Profile

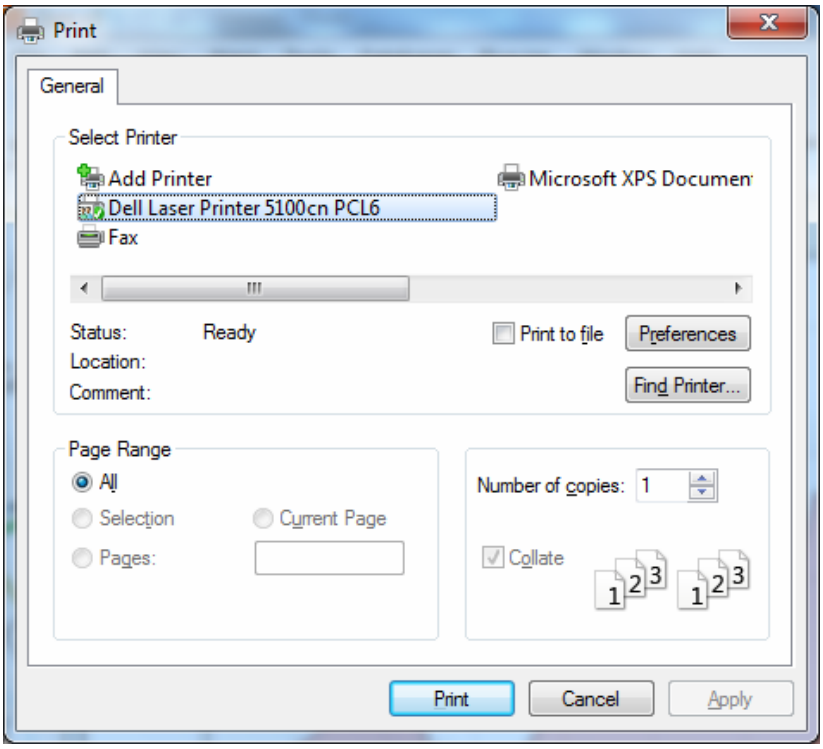


This function produces a dynamic profile of a “Track” or a “Route”.

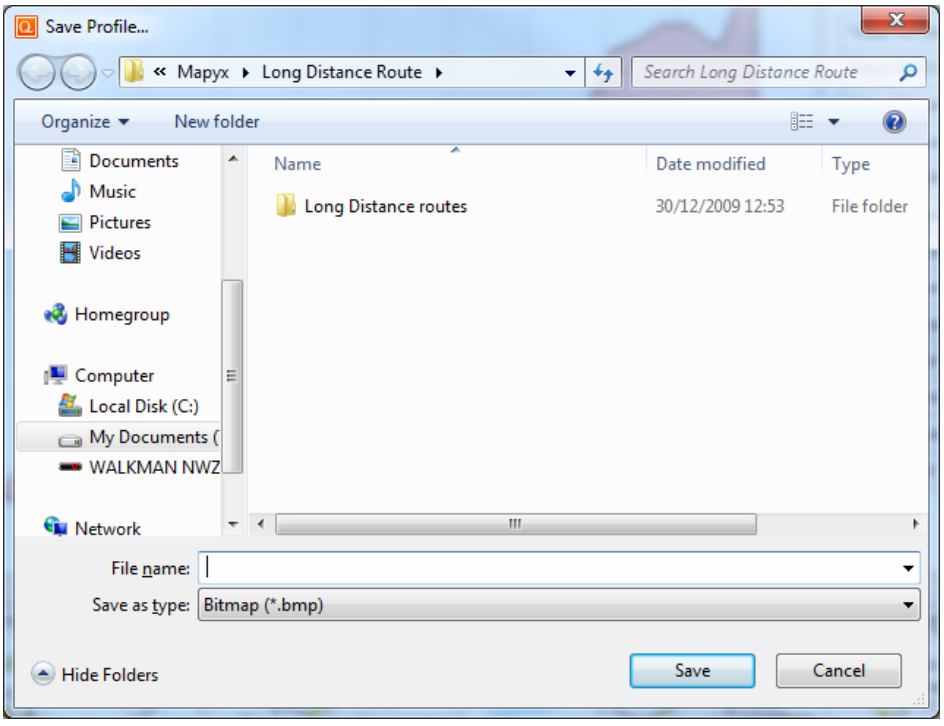
Click on “Profile” to see this window.



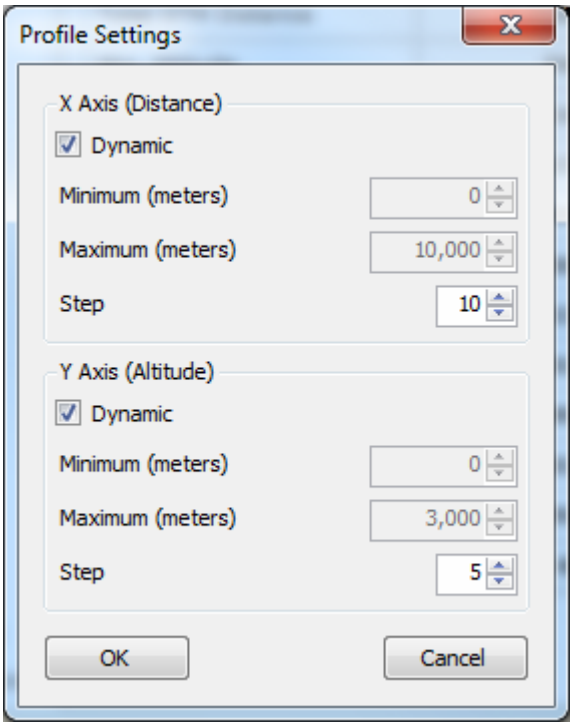
To print the profile click on the “Printer” icon and the following will appear in the window.



To save the profile click the “Floppy Disk” icon and the “Save” window will appear.

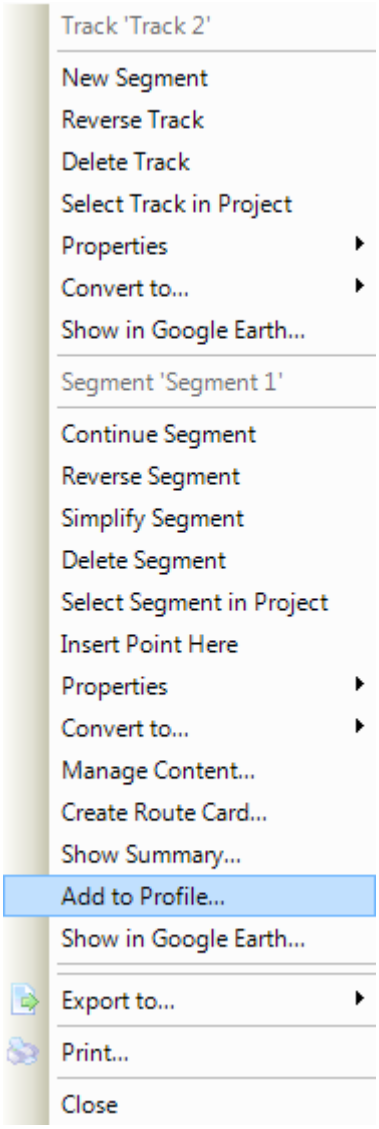


To make changes to the “Settings” of the profile click on the spanner icon and this will bring up the “Profile Settings” window.

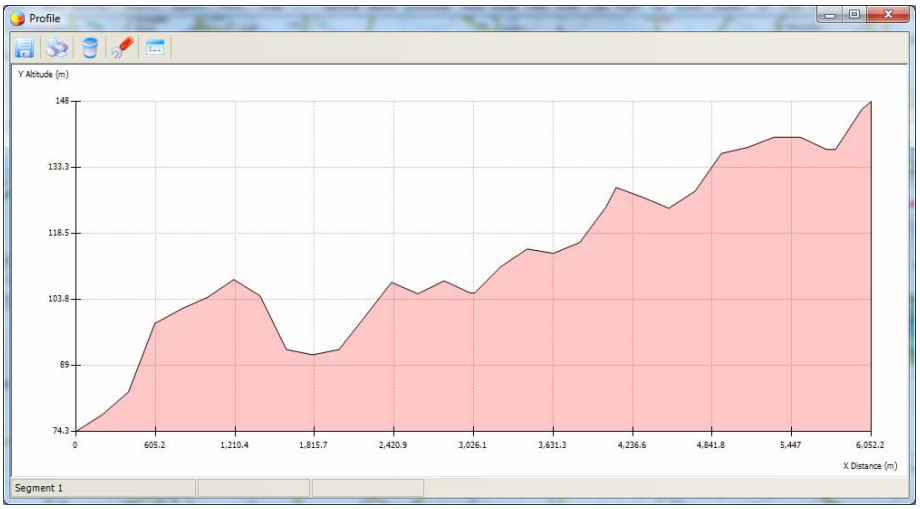


Dynamic means an automatic scale is produced. By un-clicking this box, manual set up of the profile is required.

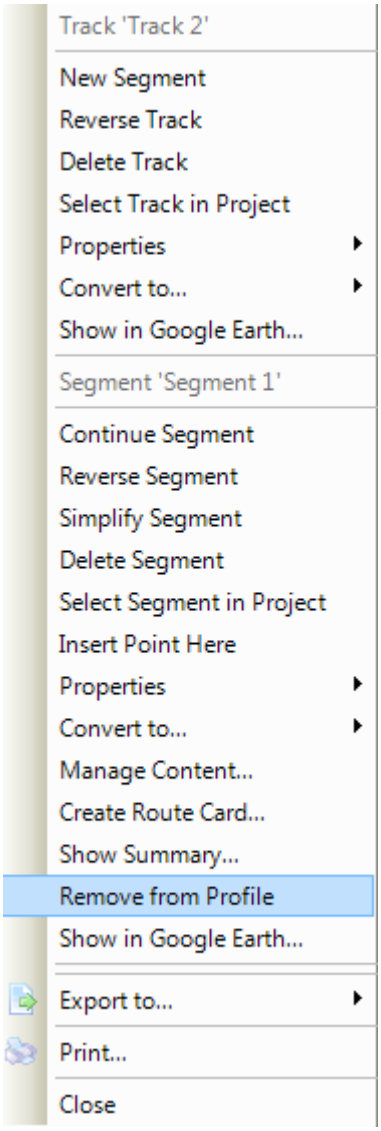
Set profile settings as required then click “OK”.



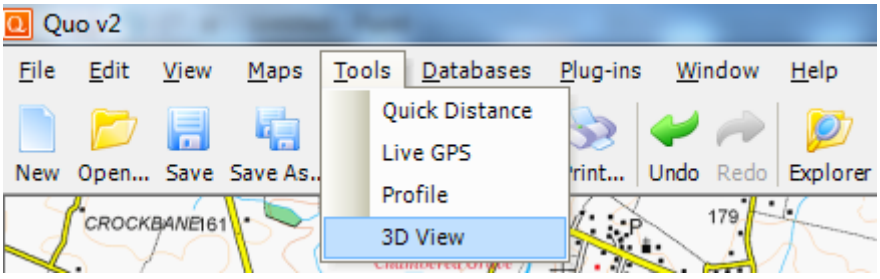
To add a profile to the graph either right click on the route or track on the map or in “Explorer”.



Right click to remove a route profile.

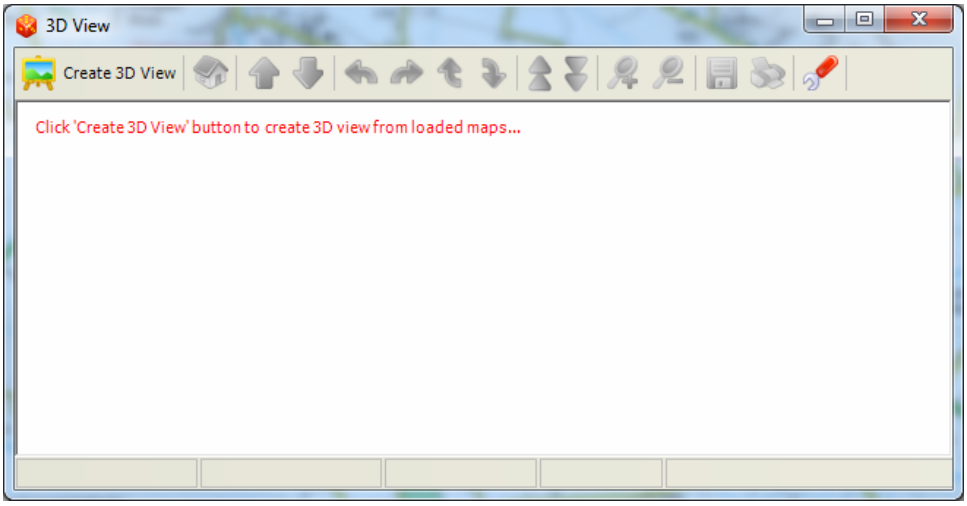


8.6 3D View

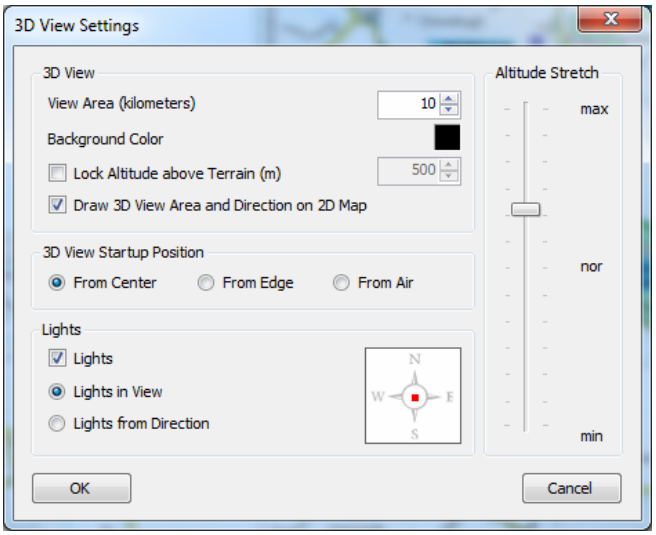


The “3D View” allows a 3D View of the landscape with an overlay of a 2D map.

Click on the “3D View” under the “Tools menu”, the window below will appear.



In the window one of the icons is a spanner; this allows the set up for the “3D View”. Click on the icon and this window will load.



Within the “3D View settings” adjust the area to “View”, by clicking the up and down arrows.

To change the “Background colour”, click on the colour.

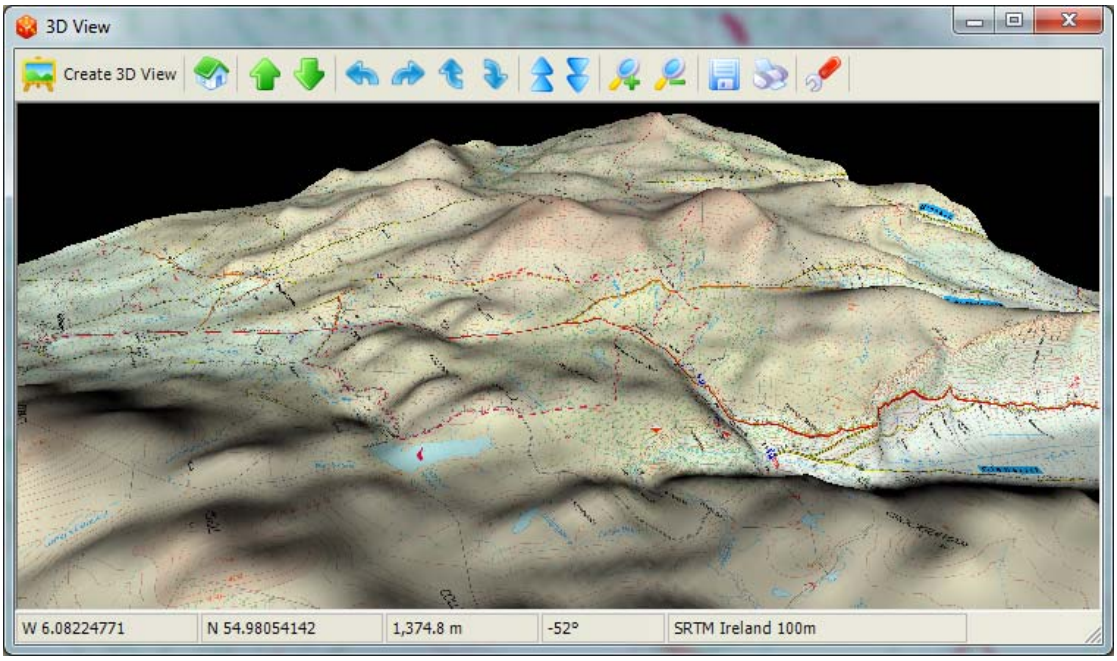
To display “3D View” to a certain height, lock the altitude by putting a tick in the box.

The “3D View” Start-up Position is that where the 3D model loads.

The “Lights function” enables a light on the 3D model to simulate the sun.

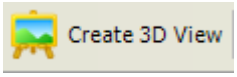
Once the settings are chosen, click “OK”.

Now all that is left to do is to create the “3D View”. This is done by clicking the “Create 3D View” button.



To navigate around use the icon bar at the top of the window.

Icon Functions:



Creates the 3D View.

Returns back to the original View.

Moves forward and backwards.

Rotates left and right.

Rotates up and down.

Moves camera up and down.

Zooms in and out.

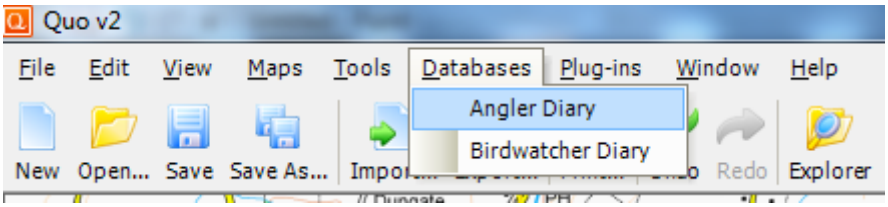
Saves 3D View image.

Prints 3D View image.

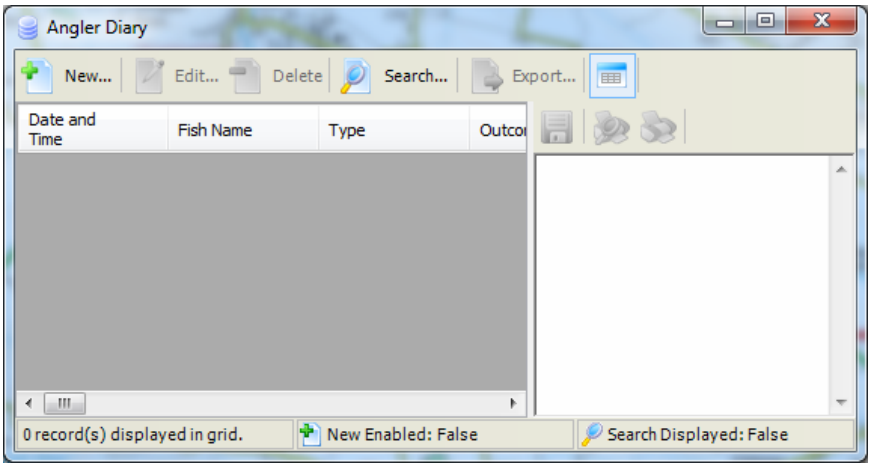
Opens settings menu.

9.0 Databases Menu

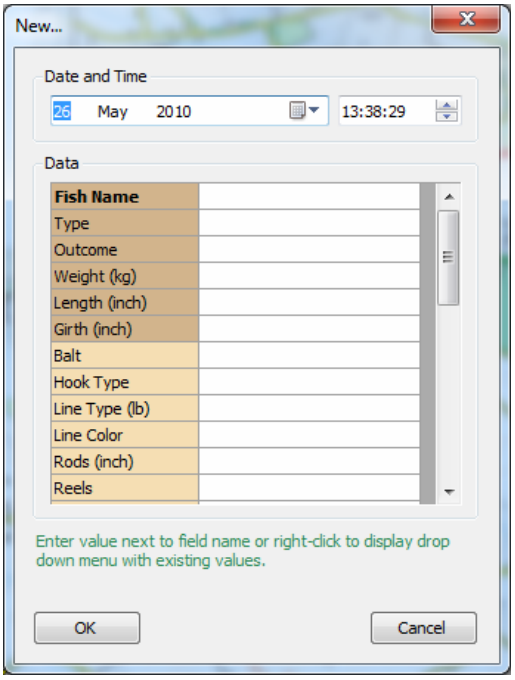
9.1 Anglers Diary



This is where anglers can record information.
Click “Anglers Diary” and this window will appear.

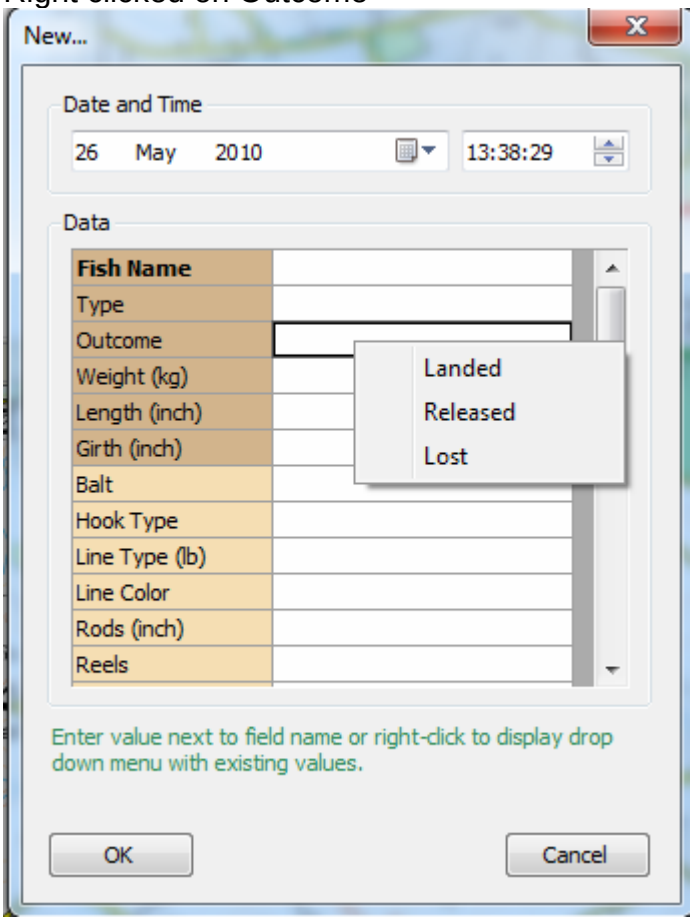


To make a new entry click “New”, then click on the map for the location of the new entry. This window will then appear.



Record all of the details and conditions of the catch. Right click to enter the detail; there are some presets to choose from.

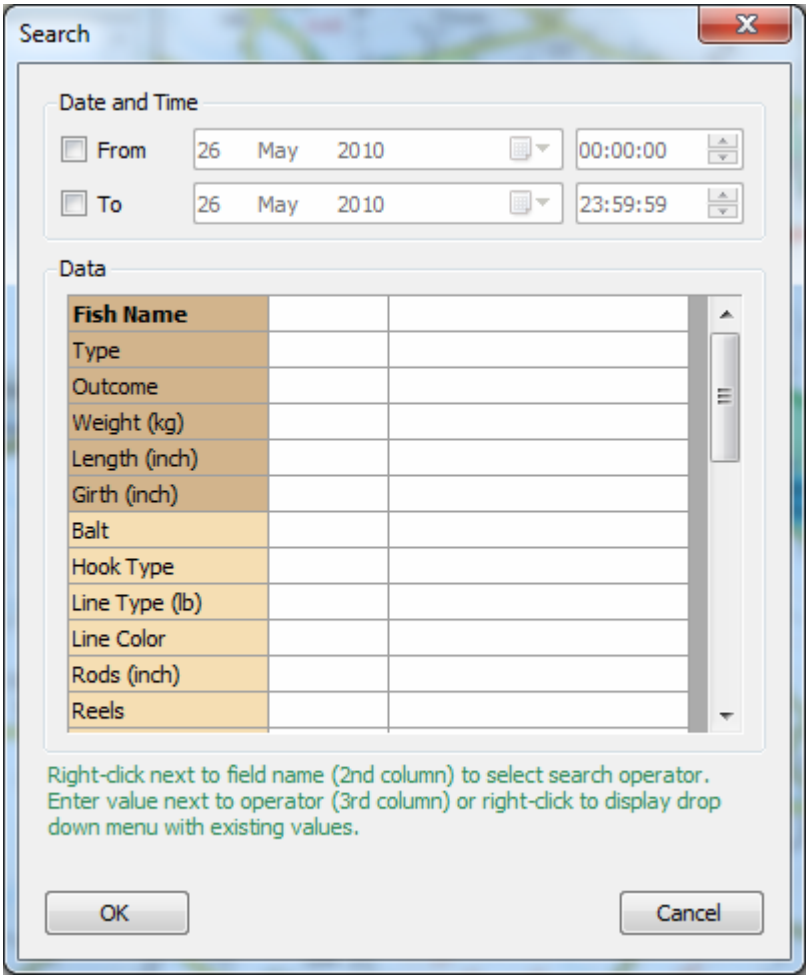
Right clicked on Outcome



Once all details are entered click “OK” to save the entry.

9.2 Search

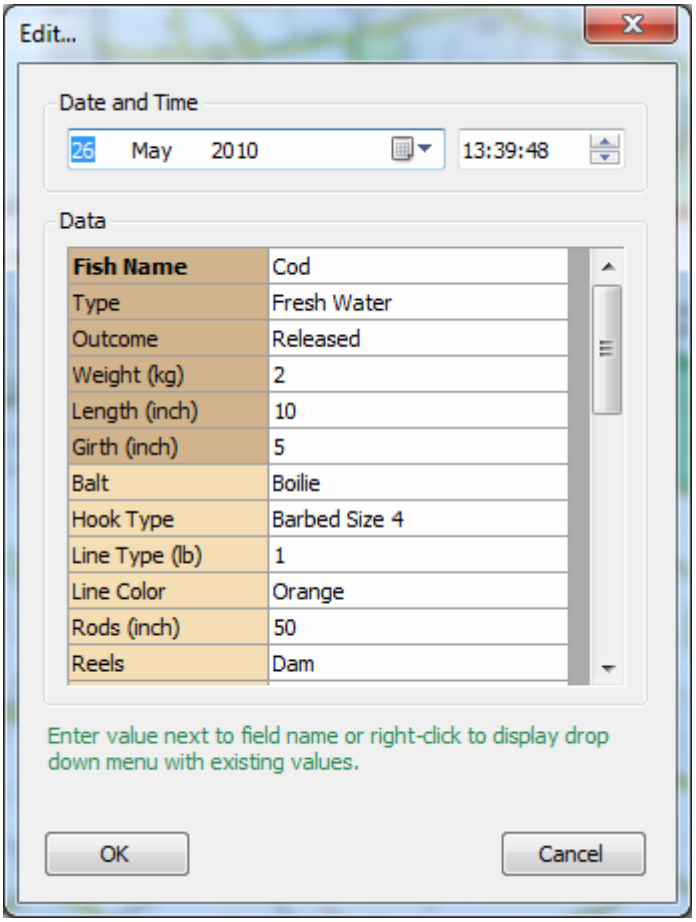
This allows searches of the database for certain information.



The “Edit”, “Delete” and “Export” functions will be disabled until an entry is made.

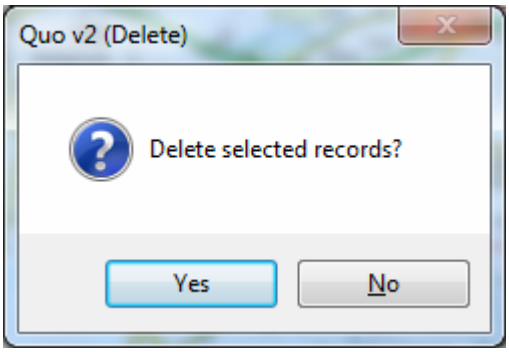
9.3 Edit

This allows the user to edit information on any of the entries in the database.



9.4 Delete

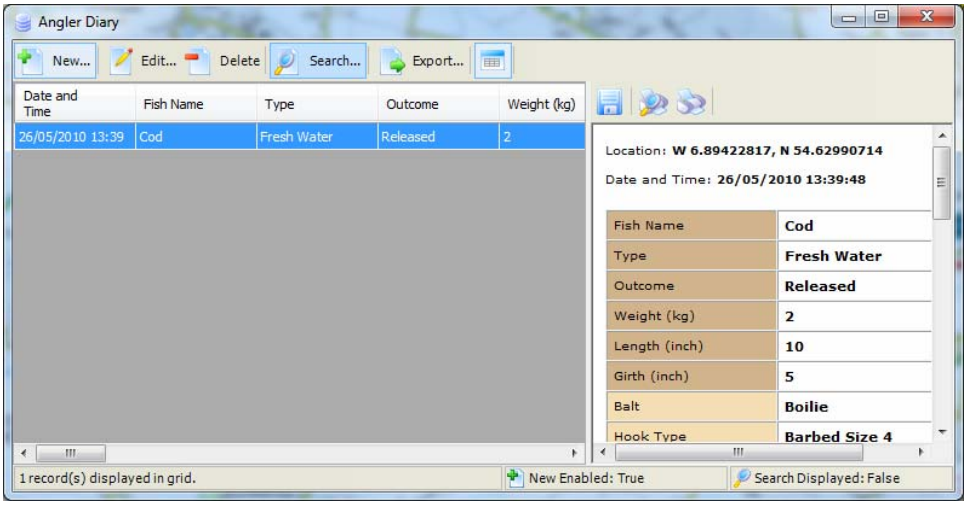
This allows the user to delete entries from the “Diary”. Click “Delete” and this box will appear to confirm deletion of an entry.



9.5 Export

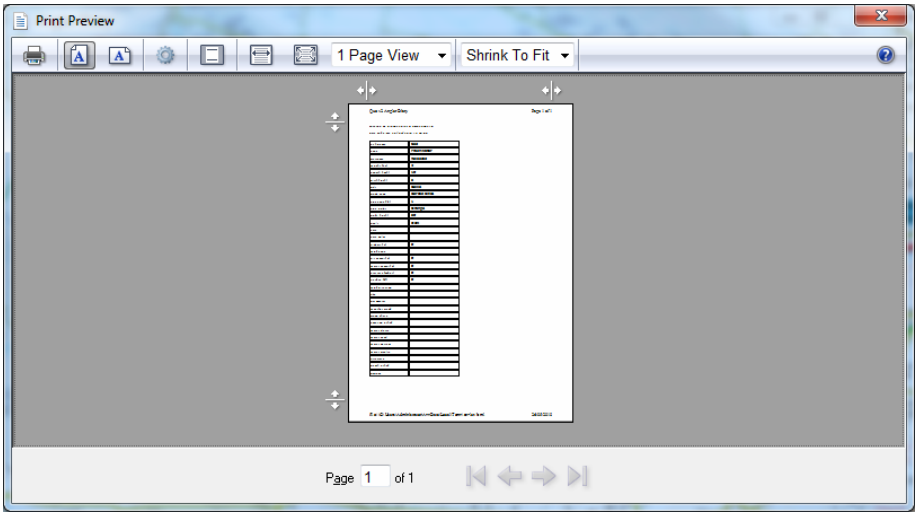
This allows the export to a file or to a project.

Click the “Save” button to save the “Diary” as certain file types such as a text document.



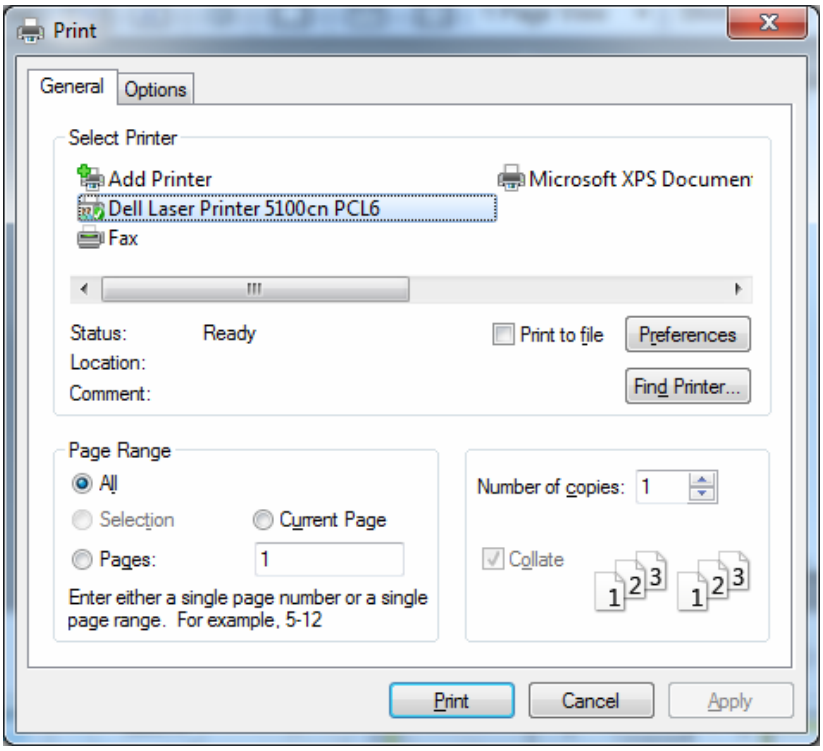
9.6 Print Preview

Displays recorded information before printing. The following window will appear.

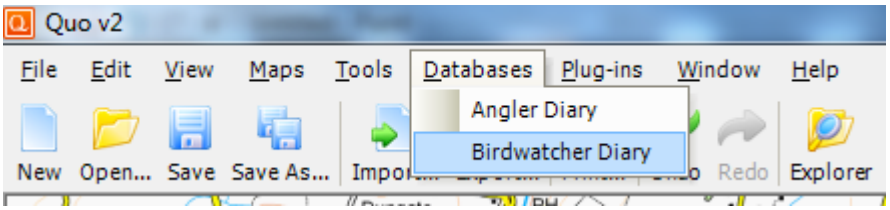


9.7 Print

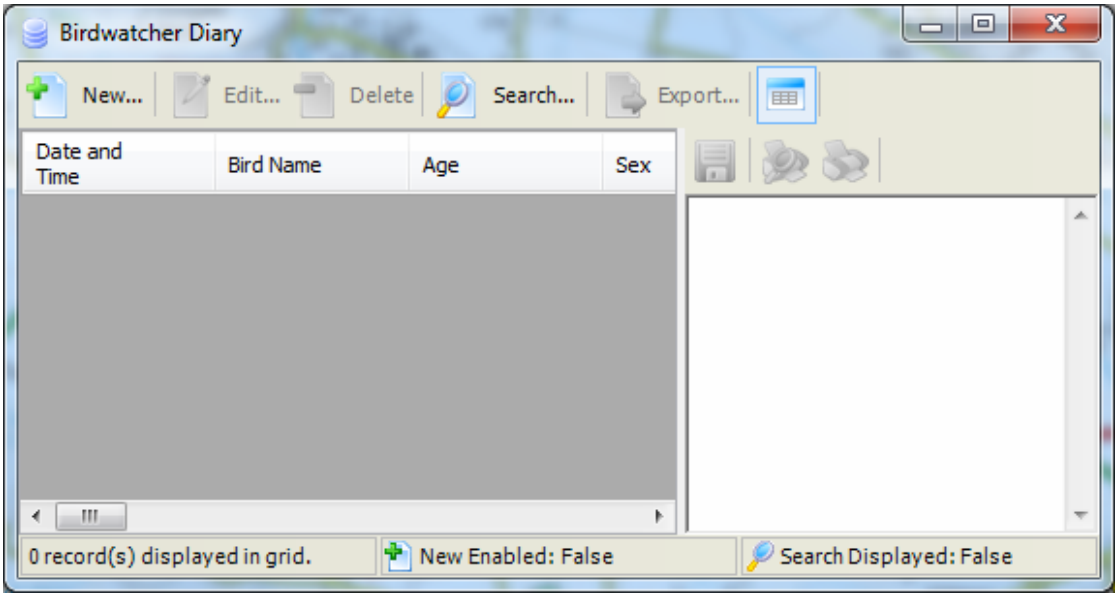
Click the “Print” button and the “Print properties” window will appear.



9.8 Birdwatchers Diary

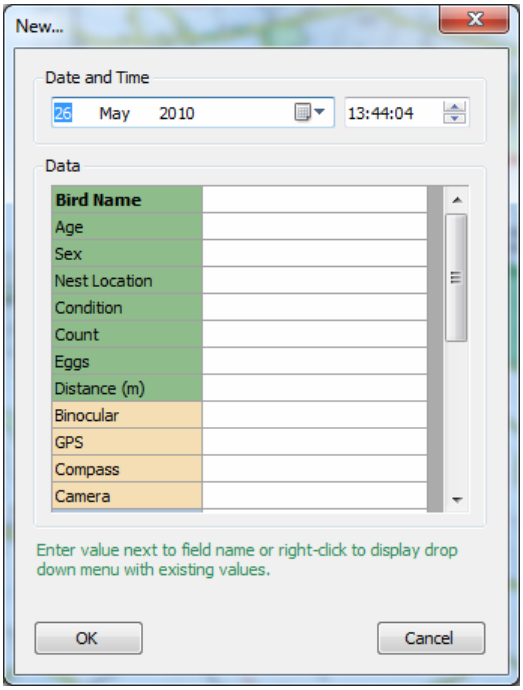


This is where birdwatchers can record information.
Click “Birdwatchers” and this window will appear.

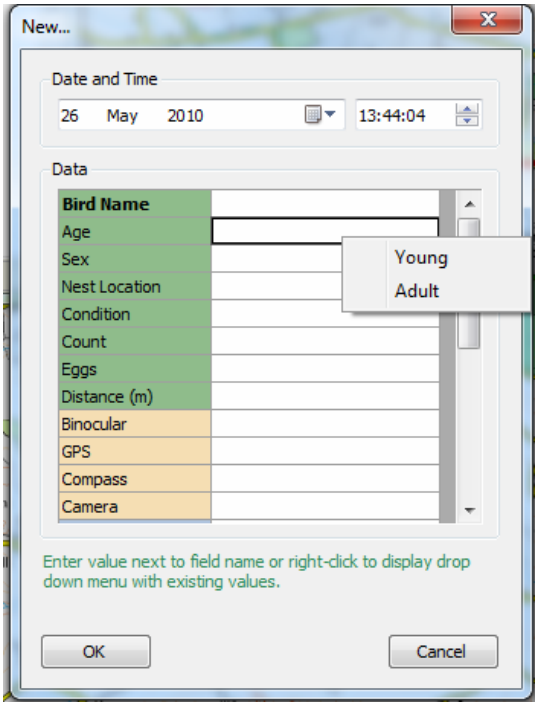


To make a new entry; click “New”, then click on the map to locate the new entry.

This window will then appear.



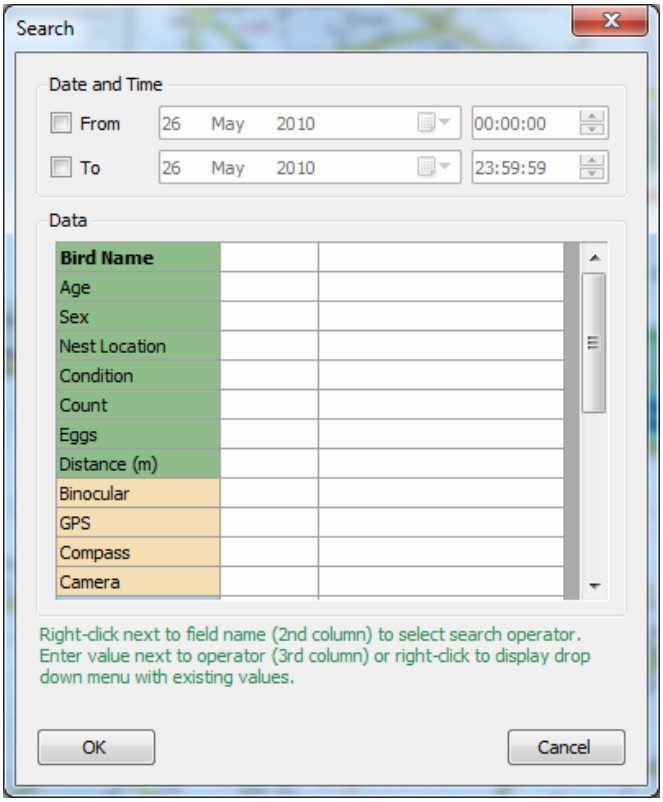
Record all of the details and conditions of the sighting. Right click to enter the detail; there are some presets to choose from.



Once all details are entered click “OK” and the entry will be made.

9.9 Search

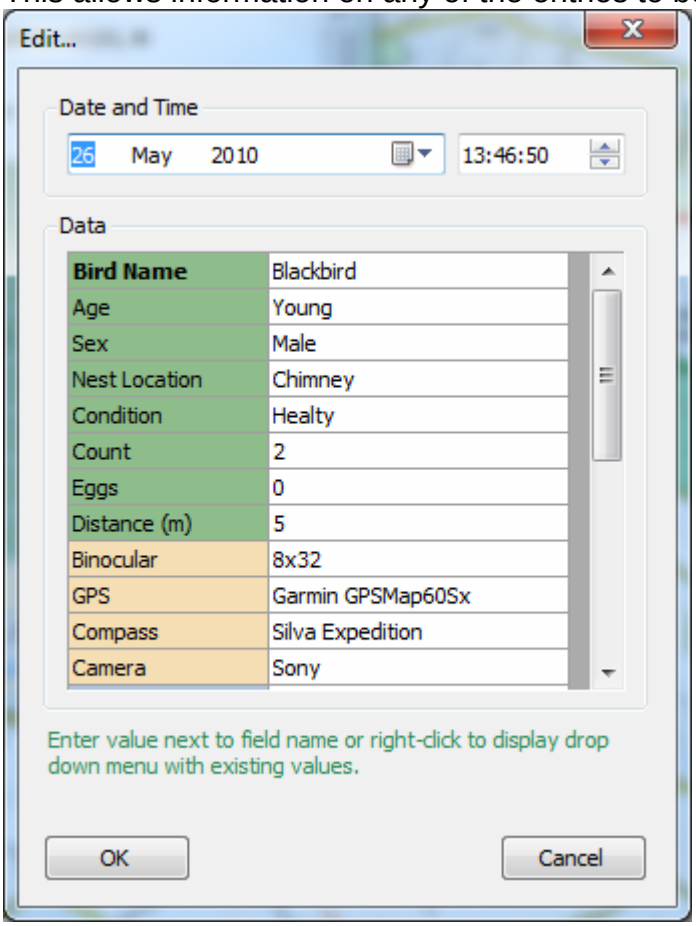
This allows searches of the database for certain Information.



The “Edit”, “Delete” and “Export” functions will be disabled until an entry is made.

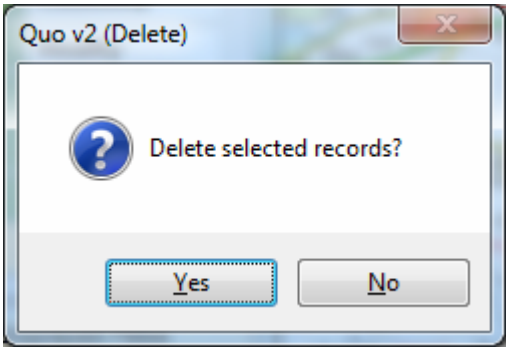
9.10 Edit

This allows information on any of the entries to be edited.



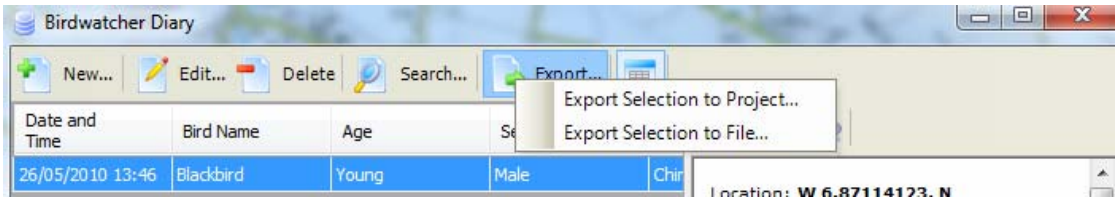
9.11 Delete

This allows deletion of entries from the diary. Click “Delete” and this box will appear to confirm deletion of an entry.

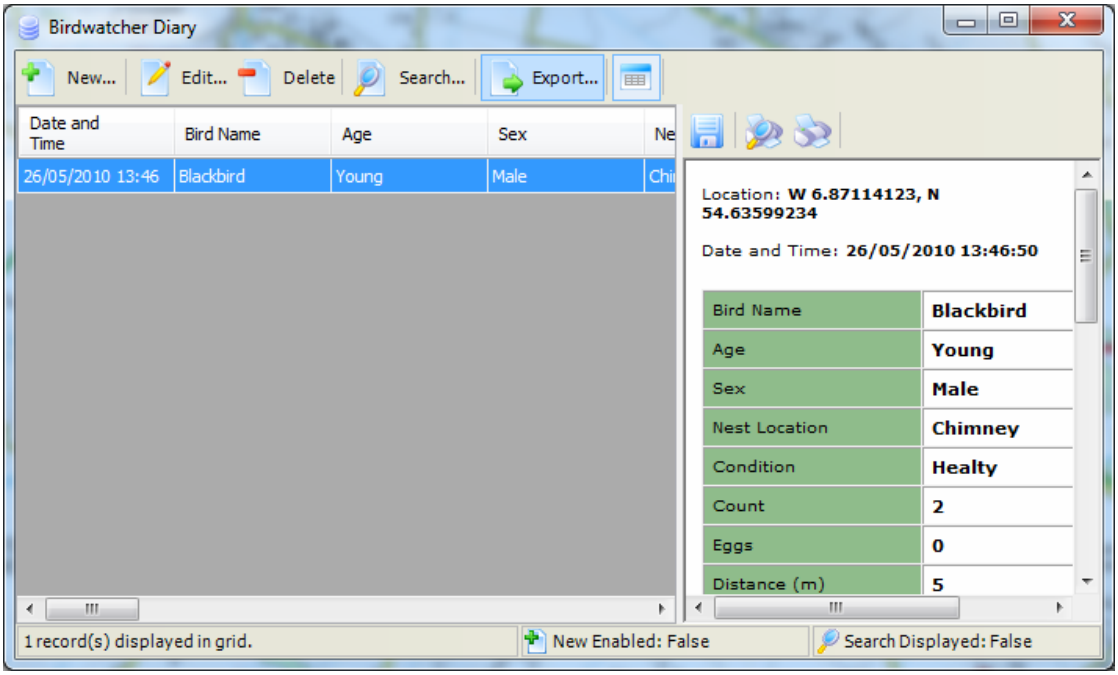


9.12 Export

This allows export to a file or to a project.

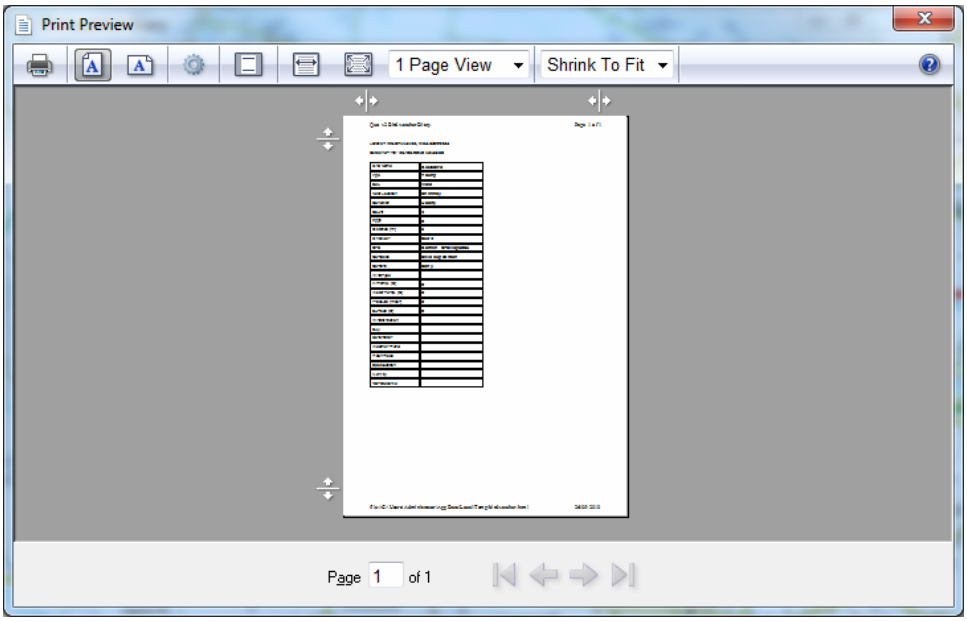


Click the “Save” button to save the diary as certain file types such as a text document.



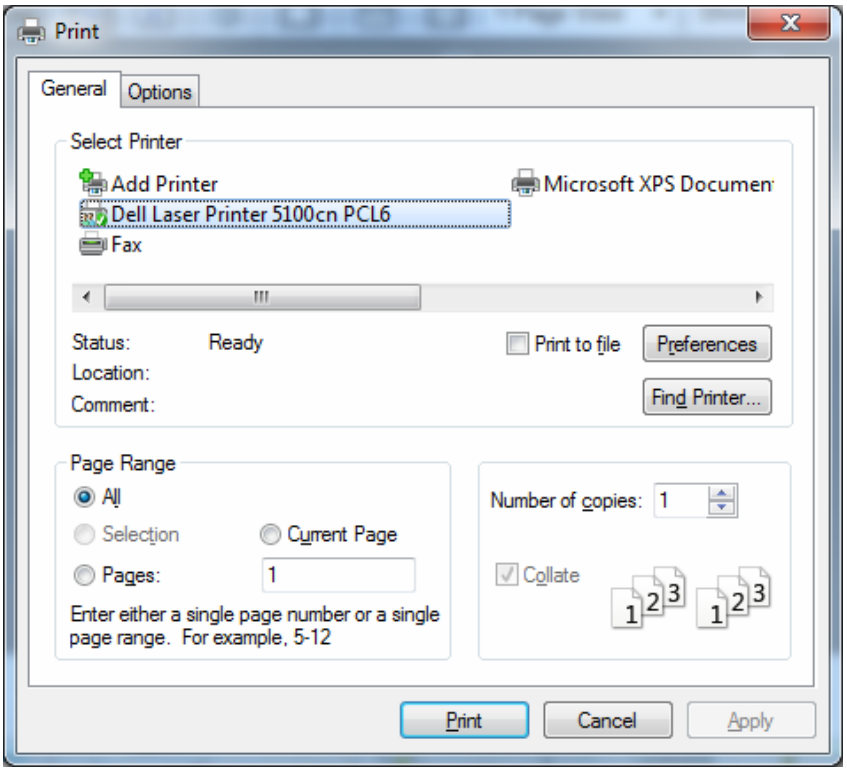
9.13 Print Preview

This function displays the recorded information before printing. This window will appear.



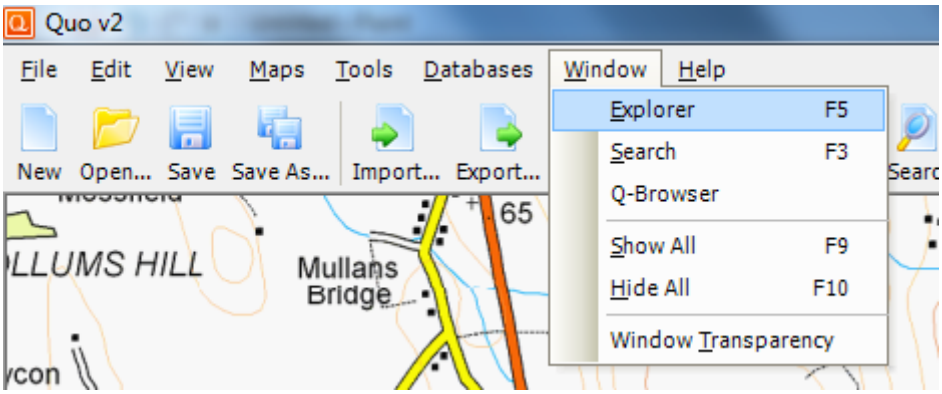
9.14 Print

Click the “Print” button and the “Print properties” window appears.

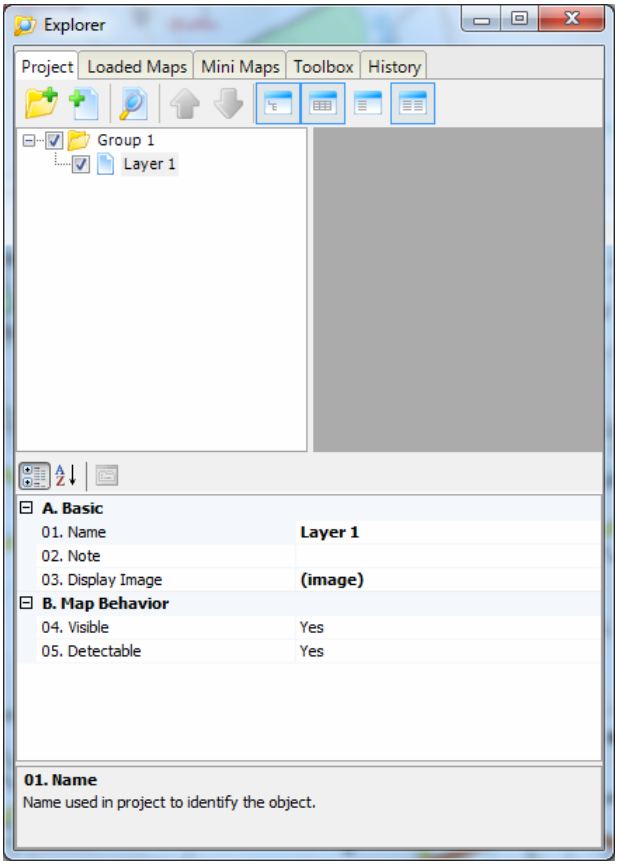


10.0 Window Menu

10.1 Explorer



This function opens up the “Explorer” window.



Within the “Explorer” box there are 5 tabs.

10.2 Project Tab

From left to right there is a selection of “Quick Launch” icons.

Icon 1 – “New Group”.

Icon 2 – “New Layer”.

Icon 3 – “Search Project”.

Icon 4 – “Move Up”.

Icon 5 – “Move Down”.

Icon 6 – “Project Tree view”.

Icon 7 – “Points Grid”.

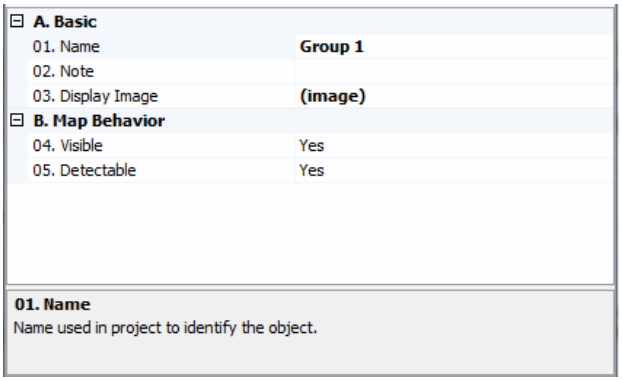
Icon 8 – “Content”.

Icon 9 – “Properties”.

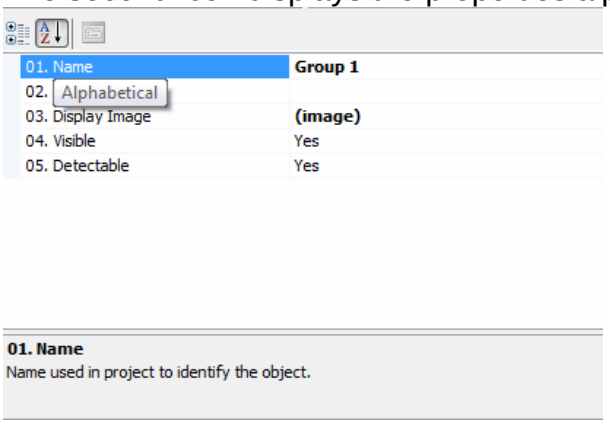
10.3 Properties Box

These 2 icons are how the properties are displayed.

The first item shows them as categorized.

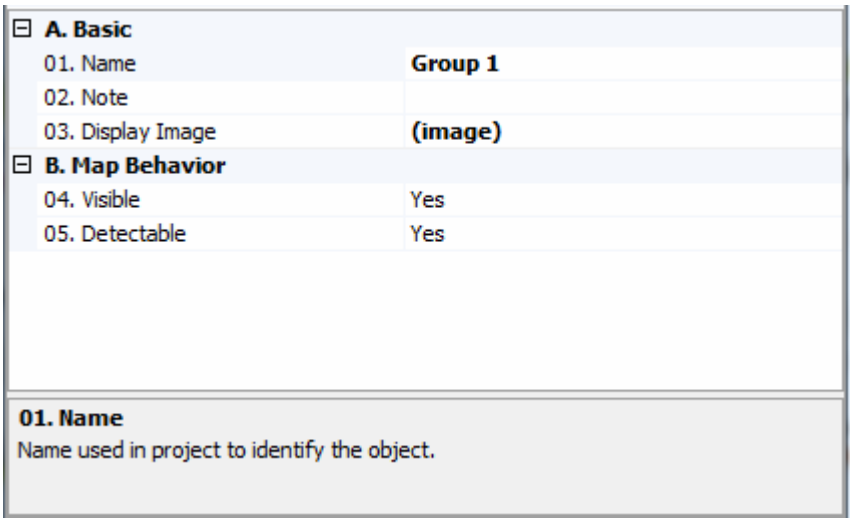


The second icon displays the properties alphabetically.



10.4 Group and Layer

In the “Properties” box at the bottom of the window when selecting either a “Group” or “Layer” the following options appear in the “Properties box”.



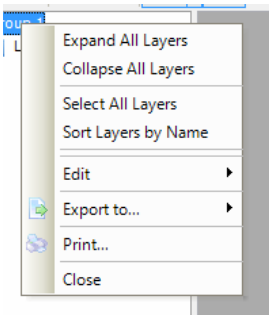
A. Basic

01	**“Name”**	This will allow changes to the name of the “Group or Layer”.
02	**“Note”**	allows notes to be added about the Group or Layer
03	**“Display Image”**	This allows changes to the image that appears to the left of the Group or Layer.

B. Map Behaviour

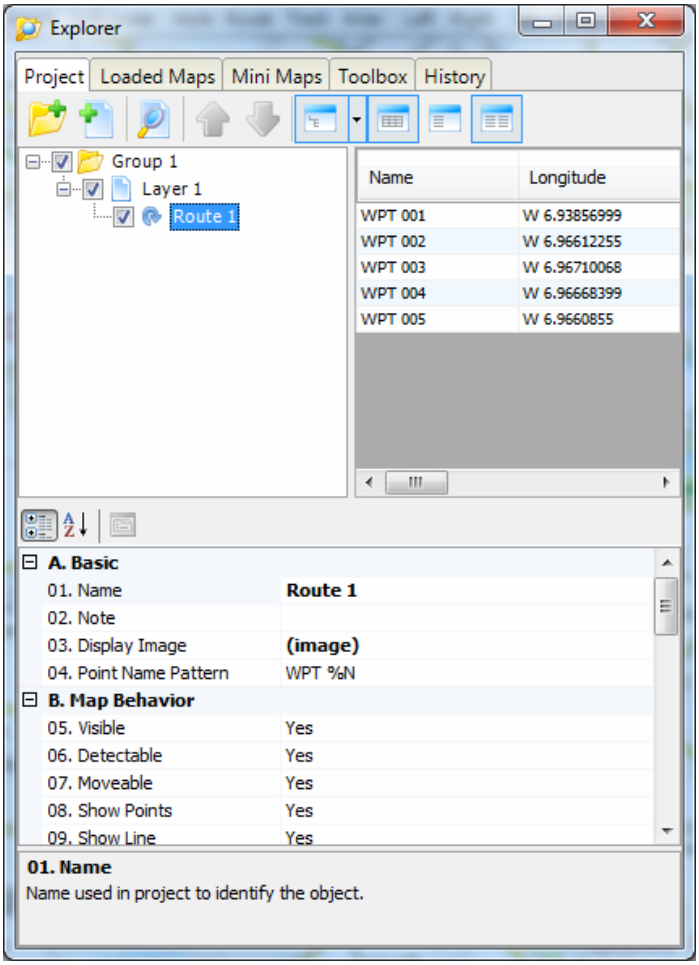
04	**“Visible”**	This allows turning on and off the information under Groups or Layers.
05	**“Detectable”**	When viewable on maps this can either allow users mouse to detect the route, track, waypoint or area or not at all.

10.5 Right Click Group



10.6 Route Properties

When a “Route” is plotted the “Properties box” will have the following options.



A. Basic

01	**“Name”**	This will allow changes to the name of the “Group or Layer”.
02	**“Note”**	Allows notes to be added about the “Group or Layer”.
03	**“Display Image”**	Is where changes to the image that appears to the left of the “Group or Layer”.
04	**“Point Name Pattern”**	This will change the pattern of the waypoint names: point %N the %N has to always be put after the name for numbers to be consistent.

B. Map Behaviour

05	**“Visible”**	To turn on and off the information under “Groups or Layers”.
06	**“Detectable”**	Will either allow mouse to detect the route or not at all.
07	**“Moveable”**	Will either allow the route to be moved or not.
08	**“Show Points”**	Gives the option to either display the waypoints on the route or not.
09	**“Show Line”**	Allows to either show the line on the map or not.
10	**“Show Direction”**	Directional arrows can either be placed on the route or at the end.
11	**“Show Curve”**	Curves the line when direction is changed.

C. Drawing

12	**“Show Labels”**	Show certain labels on the waypoints. Options to choose from are: “Point name” “Point note” “Point coordinate”
13	**“Point Width” –**	Allows the waypoint side to be increased of decreased.
14	**“Point Colour”**	Allows the waypoint colour to be changed.
15	**“Point Transparency”**	Allows the transparency of the waypoint to change.
16	**“Width”**	Allows the thickness of the line to be adjusted.
17	**“Line Colour”**	Allows the colour of the line to be changed.
18	**“Line Transparency”**	Allows the transparency of the line to be changed.
19	**“Line Style”**	there are 4 options for the way the line appears: “Solid” “Dash” “Dot” “Dash-Dot”

D. Label

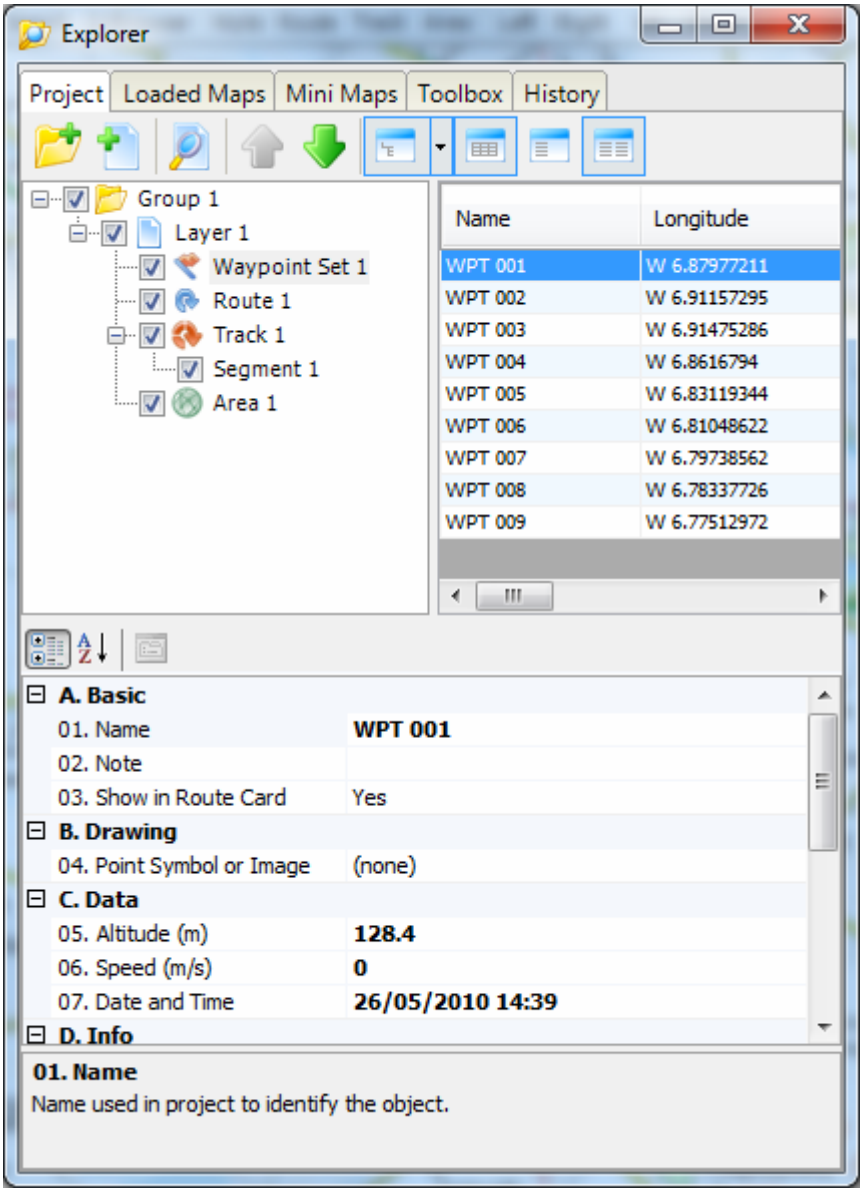
20	**“Font”**	The font and font size can be changed.
21	**“Font Colour”**	The colour of the font can be changed.
22	**“Back Colour”**	The colour of the box which the text will appear.
23	**“Border colour”**	Allows changes to the colour the outline of the text box.
24	**“Back Colour Transparency”**	The text box transparency can be changed.
25	**“Position X”**	The position of the X axis of the label.
26	**“Position Y”**	The position of the Y axis of the label.

E. Route Card and Profile

27	**“DTM Interpolation”**	The OS DTM is based on a grid of 50m spacing, with "yes" in this function Quo will calculate using DTM points

		that don't fall exactly on the grid. With the "no" function it will use the closest grid point.
28	**“Profile Line Width”**	The thickness of the line shown in the profile.
29	**“Profile Line Colour”**	The colour of the line displayed in the profile can be adjusted.
30	**“Profile Fill Colour”**	The fill colour of the profile of the route can be changed.
31	**“Profile Fill Transparency”**	The transparency of the route shown in the profile can be changed.
F. Info		
32	**“Number of Points”**	The number of waypoints in the route can be changed.
33	**“Total Air Distance”**	The distance of the route as the crow flies.

10.7 Individual Waypoints Properties

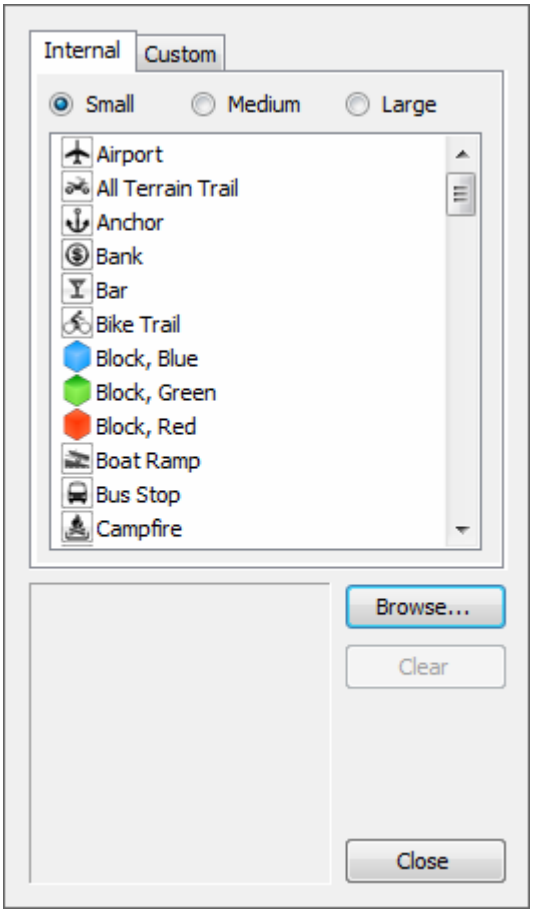


A. Basic

01	**"Name"**	Allows changes to the name of the waypoint.
02	**"Note"**	Allows notes to be added about the waypoint.
03	**"Show in Route Card"**	Either display the waypoint in the route card or not.

B. Drawing

04	**"Point Symbol or image"**	Gives the option to add a symbol or image to the waypoint.



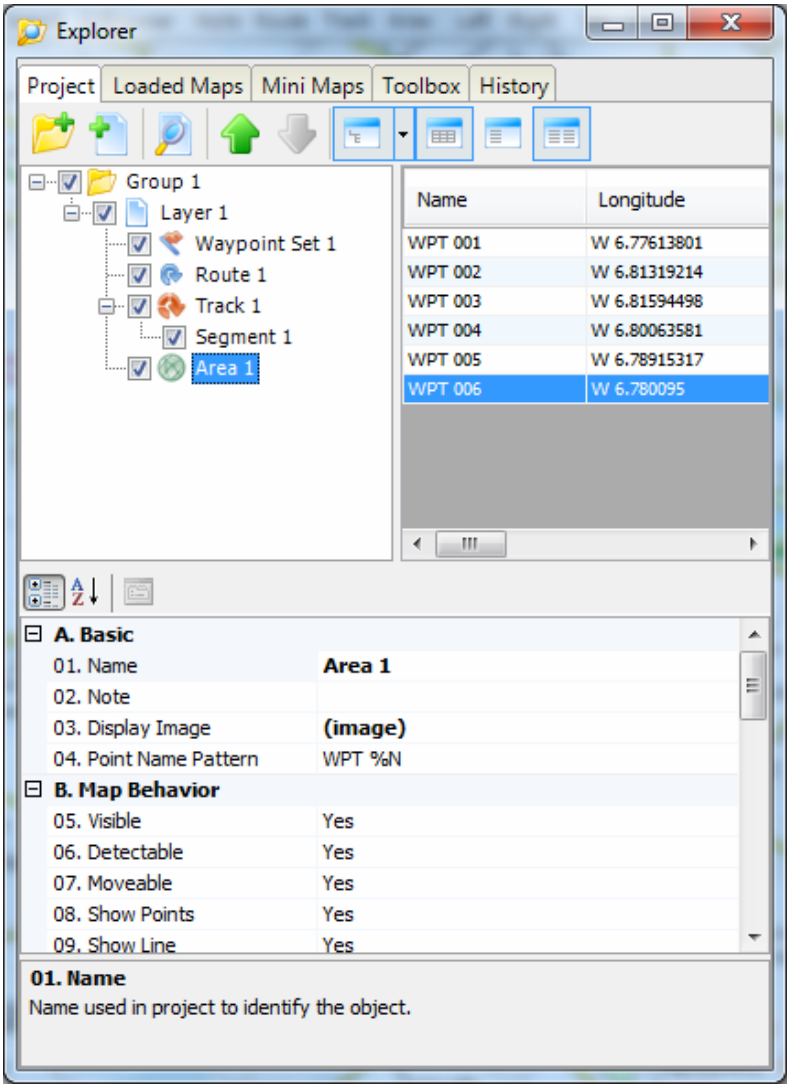
C. Data

05	**"Altitude (m)"**	The altitude is created here but if the data is incorrect it can be changed.
06	**"Speed (m/s)"**	Here a speed in m/s can be input.
07	**"Date and Time"**	The date and time which the waypoint was created will be displayed; the date and time can be changed.

D. Info

09	**"Altitude"**	Displays the altitude.
10	**"Bearing"**	Displays the bearing.
11	**"Distance"**	Displays the distance from the last waypoint.
12	**"Latitude"**	Displays the latitude coordinates.
13	**"Longitude"**	Displays the longitude coordinates.
14	**"Name"**	Displays the name of the waypoint.
15	**"Note"**	Displays the notes about the waypoint.
16	**"Speed"**	Displays the speed you are travelling.
17	**"Total Distance"**	Total distance from first waypoint.

10.8 Project Tab



A. Basic

01	**"Name"**	Displays the name of the Track and can be changed.
02	**"Note"**	Allows notes to be added about the Track.
03	**"Display Image"**	The image that appears to the left of the Track can be changed.

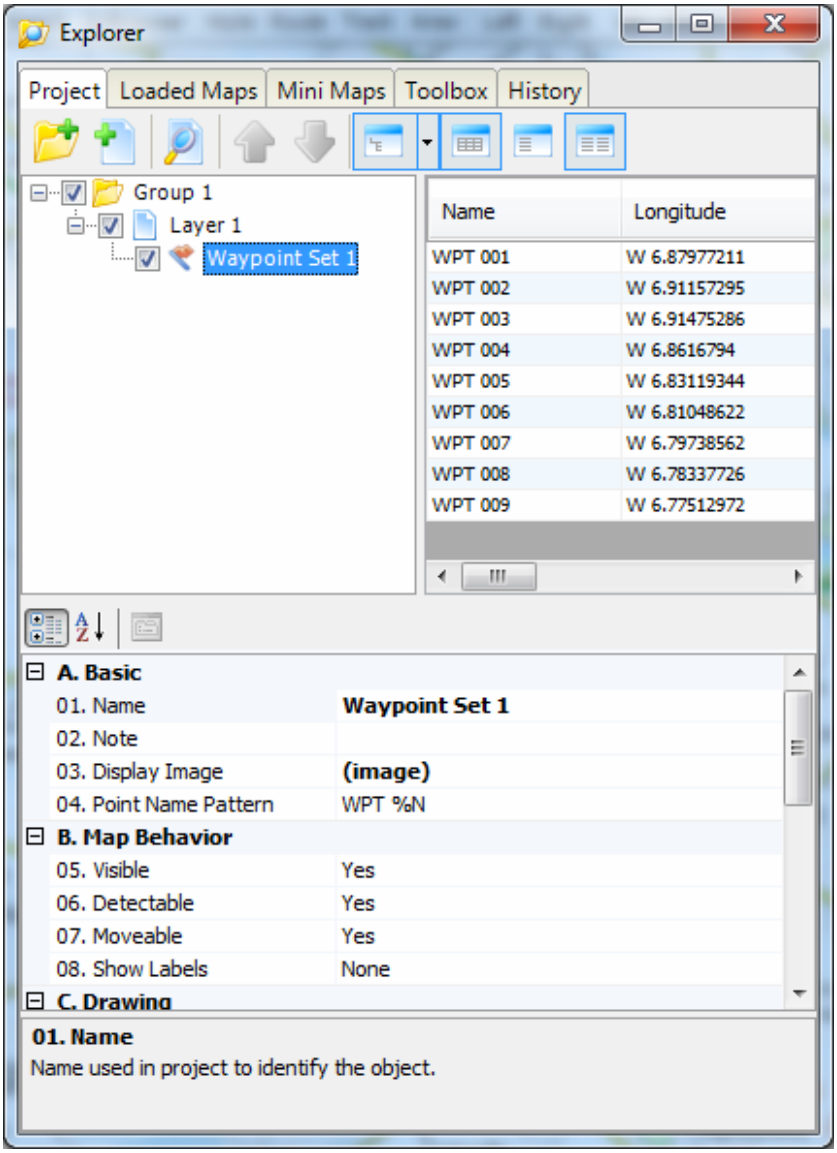
B. Map Behaviour

04	**"Visible"**	To turn on and off the information under "Groups or Layers".
05	**"Detectable"**	Will either allow mouse to detect the track or not at all.
06	**"Moveable"**	Will either allow the route to be moved or not.

C. Info

07	**"Number of Points in all Segments"**	Gives the total number of segments in the track.
08	**"Total Air Distance of all Segments"**	Is the total air distance of the track.

10.9 Waypoint Properties



A. Basic

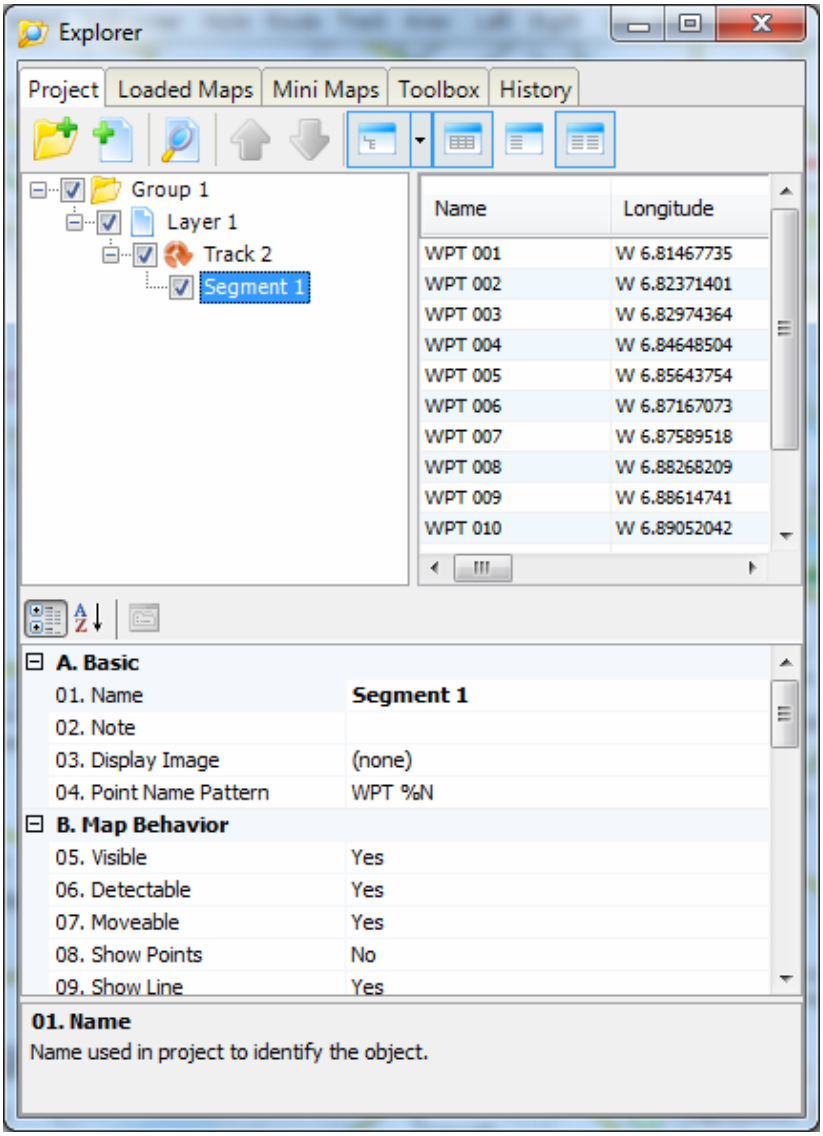
01	**"Name"**	Displays the name of the Track and can be changed.
02	**"Note"**	Allows notes to be added about the track.
03	**"Display Image"**	The image that appears to the left of the track can be changed.
04	**"Point Name Pattern"**	Displays the pattern of the waypoint names: point %N the %N has to always be put after the name for numbers to be consistent.

B. Map Behaviour

05	**"Visible"**	To turn on and off the information under "Groups or Layers".
06	**"Detectable"**	Will either allow mouse to detect the track or not at all.

07	**“Moveable”**	Will either allow the route to be moved or not.
08	**“Show Labels”**	Show certain labels on the waypoints. Options to choose from are: “Point name” “Point note” “Point coordinate”
C. Drawing		
09	**“Point Width” –**	Allows the waypoint side to be increased of decreased.
10	**“Point Colour”**	Allows the waypoint colour to be changed.
11	**“Point Transparency”**	Allows the transparency of the waypoint to change.
D. Label		
12	**“Font”**	The font and font size can be changed.
13	**“Font Colour”**	The colour of the font can be changed.
14	**“Back Colour”**	The colour of the box which the text will appear.
15	**“Border colour”**	Allows changes to the colour the outline of the text box.
16	**“Back Colour Transparency”**	The text box transparency can be changed.
17	**“Position X”**	The position of the X axis of the label.
18	**“Position Y”**	The position of the Y axis of the label.
E. Info.		
19	**“Number of Points”**	Total number points in waypoint.

10.10 Segment Properties



A. Basic

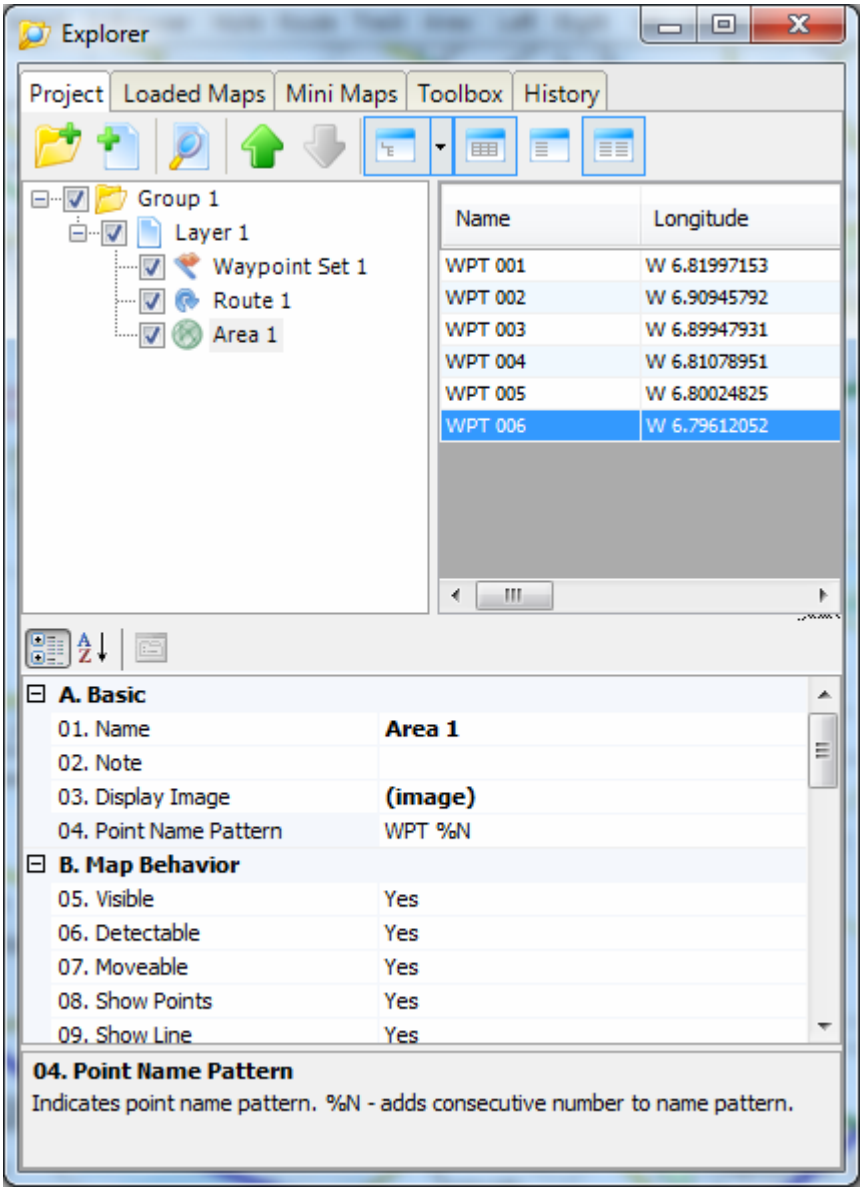
01	**"Name"**	Displays the name of the Segment and can be changed.
02	**"Note"**	Allows notes to be added about the segment.
03	**"Display Image"**	Displays the image that appears to the left of the Segment.
04	**"Point Name Pattern"**	Displays the pattern of the Segment names: point %N the %N has to be put after the name for numbers to be consistent.

B. Map Behaviour

05	**"Visible"**	To turn on and off the information under Segments.
06	**"Detectable"**	Will either allow mouse to detect the Segment or not at all.
07	**"Moveable"**	Will either allow the segment to be moved or not.
08	**"Show Points"**	Gives the option to either display the waypoints on the segment or not.

09	**“Show Line”**	Either display the line of the segment on the map or not.
10	**“Show Direction”**	Directional arrows either can be placed on the segment or at the end.
11	**“Show Curve”**	Curves the line when direction is changed.
12	**“Show Labels”**	Show certain labels on the Segment. Options to choose from are: “Point name” “Point note” “Point coordinate”
C. Drawing		
13	**“Point Width” –**	Allows the size to be increased of decreased.
14	**“Point Colour”**	Displays the colour of the segments.
15	**“Point Transparency”**	Allows changes to the transparency of the Segment/
16	**“Line Width”**	Allows the thickness of the line to be adjusted.
17	**“Line Colour”**	Allows the colour of the line to be changed.
18	**“Line Transparency”**	Allows the transparency of the line to be changed.
19	**“Line Style”**	There are 4 options for the way the line appears: “Solid” “Dash” “Dot” “Dash-Dot”
D. Label		
20	**“Font”**	The font and font size can be changed.
21	**“Font Colour”**	The colour of the font can be changed.
22	**“Back Colour”**	The colour of the box which the text will appear.
23	**“Border colour”**	Allows changes to the colour the outline of the text box.
24	**“Back Colour Transparency”**	The text box transparency can be changed.
25	**“Position X”**	The position of the X axis of the label.
26	**“Position Y”**	The position of the Y axis of the label.
E. Route Card and Profile		
27	**“DTM Interpolation”**	The OS DTM is based on a grid of 50m spacing, with "yes" in this function Quo will calculate using DTM points that don't fall exactly on the grid. With the "no" function it will use the closest grid point.
28	**“Profile Line Width”**	Allows adjustment to the thickness of the line shown in the profile.
29	**“Profile Line Colour”**	The colour of the line displayed in the profile?
30	**“Profile Fill Colour”**	The fill colour of the profile of the segment
31	**“Profile Fill Transparency”**	The transparency of the segment shown in the profile.
F. Info		
32	**“Number of Points”**	The number of waypoints in the segment.
33	**“Total Air Distance”**	The distance of the Track as the crow flies.

10.11 Area Properties



A. Basic

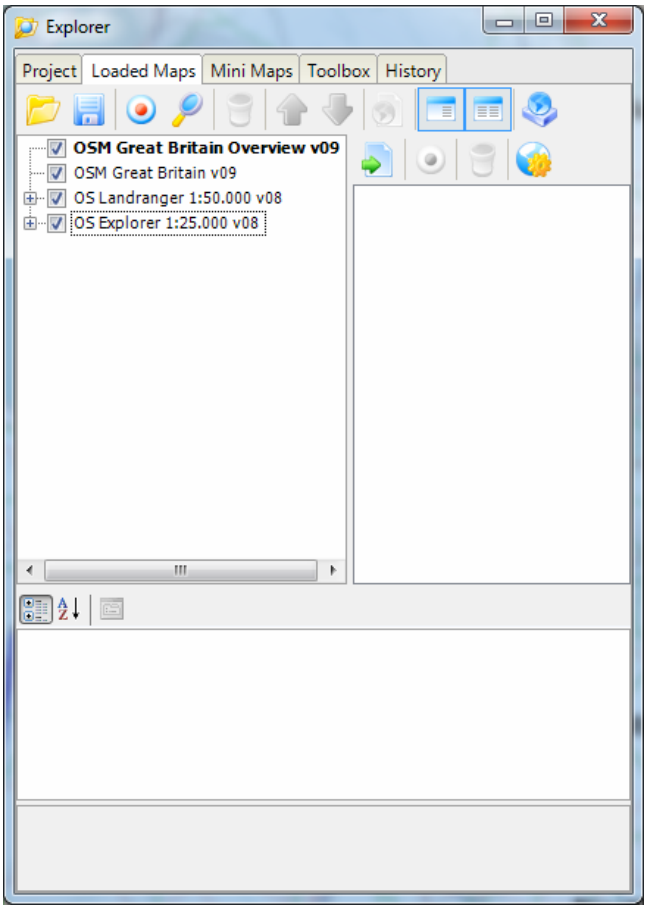
01	**"Name"**	Displays the name of the Area and can be changed.
02	**"Note"**	Allows notes to be added about the Area.
03	**"Display Image"**	Displays the image that appears to the left of the Area.
04	**"Point Name Pattern"**	Displays the pattern of the Area names: point %N the %N has to be put after the name for numbers to be consistent.

B. Map Behaviour

05	**"Visible"**	To turn on and off the information under Areas.
06	**"Detectable"**	Will either allow mouse to detect the Area or not at all.
07	**"Moveable"**	Will either allow the Area to be moved or not.
08	**"Show Points"**	Displays the waypoints in the Area or not.
09	**"Show Line"**	Either display the line of the area on the map or not.

10	**“Show Labels”**	Show certain labels on the Segment. Options to choose from are: “Point name” “Point note” “Point coordinate”
11	**“Show Name”**	Indicates whether area name on map.
C. Drawing		
12	**“Point Width”**	Allows the size to be increased of decreased.
13	**“Point Colour”**	Displays the colour of the waypoints.
14	**“Point Transparency”**	Allows changes to the transparency of the waypoint.
15	**“Line Width”**	Allows the thickness of the line to be adjusted.
16	**“Line Colour”**	Allows the colour of the line to be changed.
17	**“Line Transparency”**	Allows the transparency of the line to be changed.
18	**“Line Style”**	there are 4 options for the way the line appears: “Solid” “Dash” “Dot” “Dash-Dot”
19	**“Fill Colour”**	The colour of the area.
20	**“Fill Transparency”**	Allows changes to the transparency of the area.
21	**“Fill Style”**	Allows the style of the area to be changed.
22	**“Fill Style Colour”**	Allows the colour of the style chosen.
D. Label		
23	**“Font”**	The font and font size can be changed.
24	**“Font Colour”**	The colour of the font can be changed.
25	**“Back Colour”**	The colour of the box which the text will appear.
26	**“Border colour”**	Allows changes to the colour the outline of the text box.
27	**“Back Colour Transparency”**	The text box transparency can be changed.
28	**“Position X”**	The position of the X axis of the label.
29	**“Position Y”**	The position of the Y axis of the label.
E. Info		
30	**“Number of Points”**	Is the number of waypoints in the segment.
31	**“Perimeter”**	This is the perimeter of the area.
32	**“Area”**	The total area size.

10.12 Loaded Maps Tab

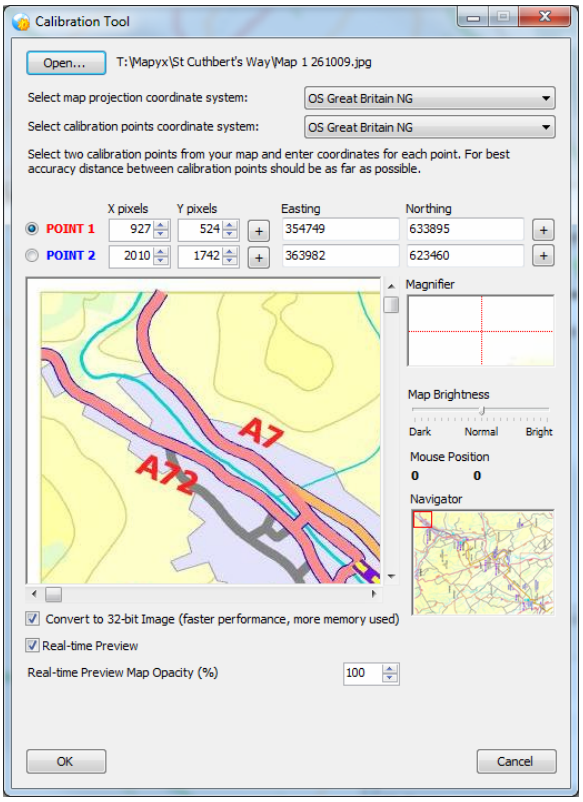


There are quick launch icons at the top of the Loaded Maps window. Listed from left to right are the buttons and their functions:

"Open Loaded Maps Scenario"	Allows a selection of saved maps to be loaded.
"Save Loaded Maps Scenario"	Loaded maps will be saved into a file.
"Centre Map" –	This centres the selected map.
"Show Map in original Zoom"	Displays the map in its original zoom.
"Unload Selected Maps"	Unloads the selected maps from the loaded maps menu.
"Move Up"	Moves the selected map up the list.
"Move Down"	Moves the selected map down the list.
"Show Map Legend"	Shows the map legend for the selected map if available.
"User Maps"	Displays the maps that have been imported by the user.

“Import Map Image”	Allows a map image to be imported from a computer.
“Centre User Map”	Centres the user map if loaded.
“Unload Selected User Maps”	Removes the selected loaded user map.
“Calibration Tool”	Allows a map image to be calibrated to the maps loaded in Quo.

10.13 Calibration Tool



To use the “Calibration tool” the first thing that must be done is to load a map image from the computer, this can be done by using the “Open” button.

Once the map has been selected the coordinate system will need to be chosen for the projection of the map and where the calibration points will be.

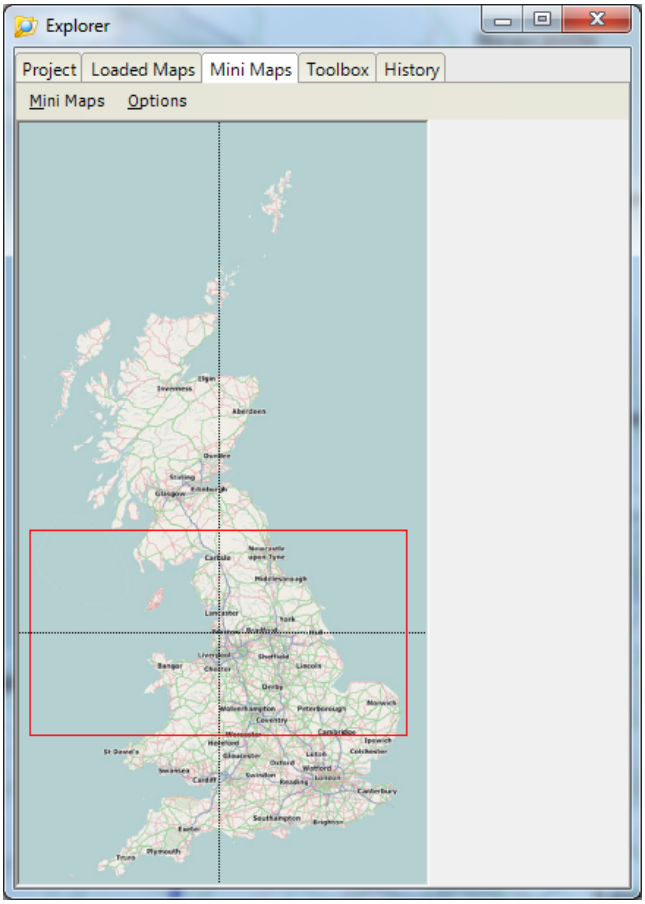
Select a point first on the map that has been imported and select a location which has Easting and Northing, once selected enter the Easting and Northing. Repeat the same process for the second point

Options when using Calibration Tool are:

“Increase the map brightness of maps”	
“Navigation across the map”	
“Convert to 32-bit Image”	(Faster performance, more memory used).
“Real Time Preview”	Shows image on the main map as well as in the calibration tool.
“Real-time Preview Map Opacity” (%)	Adjusts the transparency of the map.
“Properties”	Displays the properties window in explorer.
“Draw Map Tiles Areas”	Draws a red overlay on the map and shows the tiles currently owned/ loaded.

10.14 Mini Maps Tab

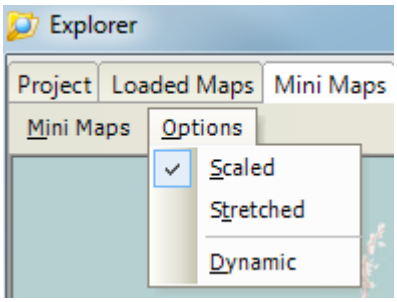
The “Mini map” allows fast location finding by clicking on the area. The “Mini Maps” can also be moved by clicking and dragging the mouse. The main screen map will be centred on the point on the minimap.



10.15 Mini Maps

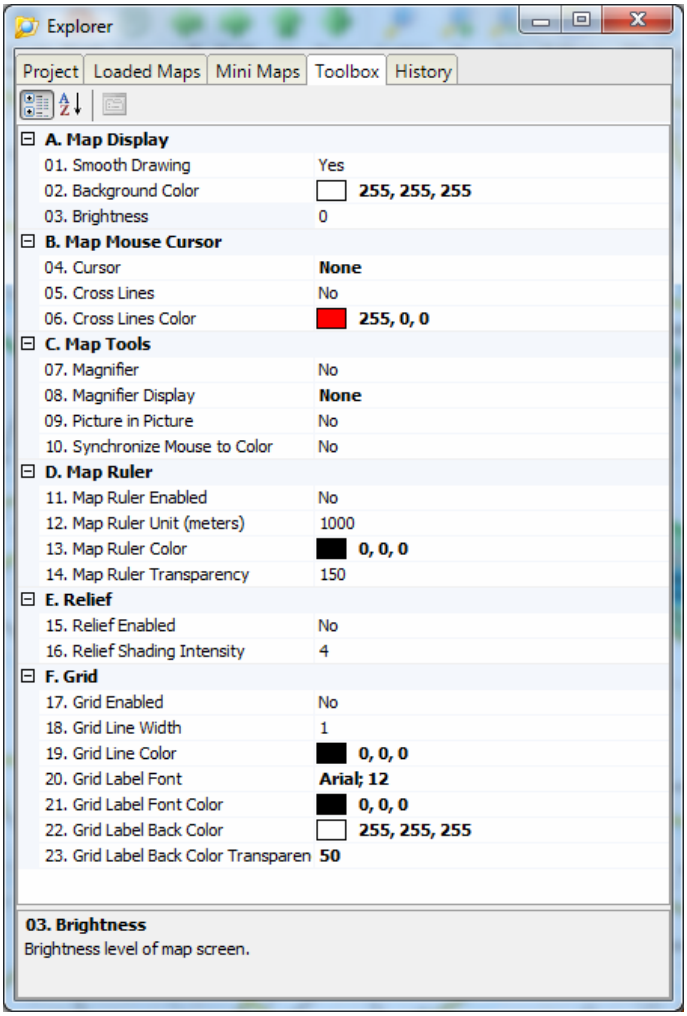
This menu allows the choice of which map to view on a mini scale:

10.16 Mini Maps Options



“Scaled”	Scales the “Mini Map” to the correct dimensions
“Stretched”	Stretches the “Mini Map” to the size of the window
“Dynamic”	Automatically changes the map scale when zooming in and out

10.17 Toolbox Tab



A. Map Display

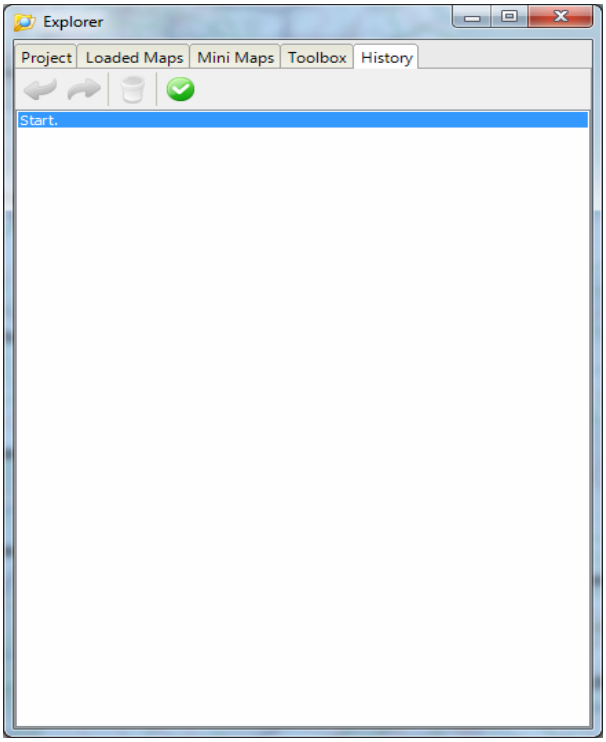
01	**"Smooth Drawing"**	Smoothes out the drawing of the map when it is moved.
02	**"Background Colour"**	Is the colour of the background outside of the maps.
03	**"Brightness"**	Allows the brightness of the map to be adjusted.

B. Map Mouse Curser

05	**"Cursor"**	There are 3 different cursors available to use. "Default" "Cross" "Point"
06	**"Cross Lines"**	Allows cross lines either to be displayed or not.
07	**"Cross Lines Colour"**	Allows the cross line colour to be changed.

C. Map Tools		
07	**“Magnifier”**	Allows the magnifier to be turned on or off.
08	**“Magnifier Display”**	Allows either just the map to be displayed or everything in the magnifier.
09	**“Picture in Picture”**	Allows a map to be displayed in a box next to the cursor.
10	**“Synchronise Mouse to Colour”**	Pick a colour from the map and the mouse will lock onto the colour for a larger area than just the tip of the mouse.
D. Map Ruler		
11	**“Map Ruler Enabled”**	Map ruler will be either displayed on the screen or not.
12	**“Map Ruler Unit” (metres)**	Distances displayed on the ruler.
13	**“Map Ruler Colour”**	Allows the transparency of the ruler to be adjusted.
14	**“Map Ruler Transparency”**	Allows the transparency of the ruler to be adjusted.
E. Relief		
15	**“Relief Enabled”**	Allows shading of the map.
16	**“Relief Shading Intensity”**	Changes the intensity of the shading on the map.
F. Grid		
17	**“Grid Enabled”**	Allows the Grid of the country to be shown.
18	**“Grid Line Width”**	Size of the lines drawn by the grid.
19	**“Grid Line Colour”**	Colour of the Grid shown.
20	**“Grid Label Font”**	Allows the font and text size to be changed.
21	**“Grid Label Font Colour”**	Colour of the text displayed on the Grid.
22	**“Grid label Back Colour”**	Colour of the background behind the.
23	**“Grid Label Back Colour Transparency”**	Transparency of the background of the text can be changed.

10.18 History Tab

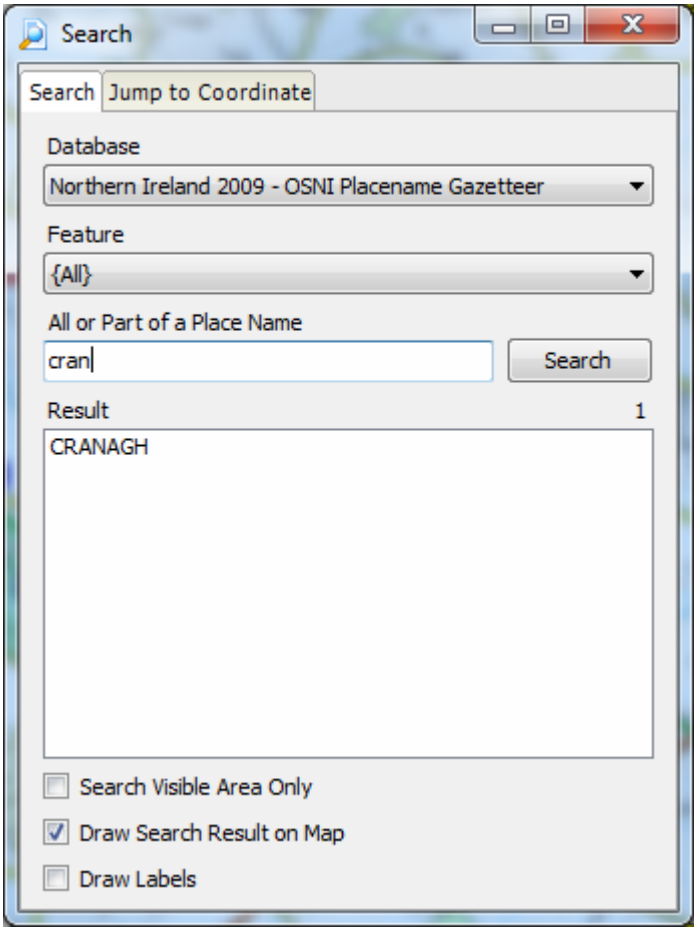


The “History tab” shows all the tasks carried out in the current project and user can jump to any point by double clicking on it.

There are 4 icons at the top of the “History window”; these icons have the following functions (listed from left to right).

“Undo”	Use this function to go to previous action.
“Redo”	Use this function to redo an action.
“Clear History”	This function deletes all history.
“Enable or Disable Project History”	Allows this function to be running or not.

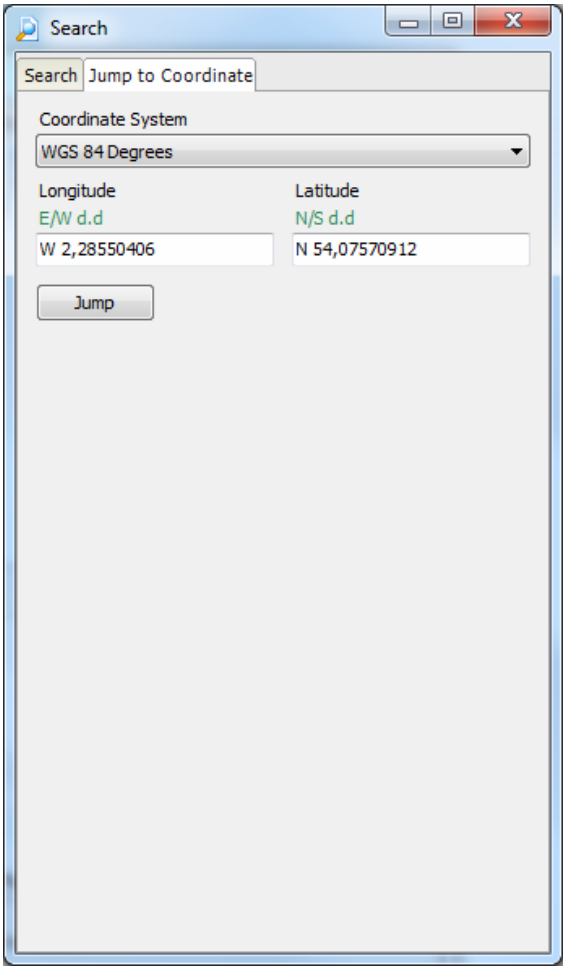
10.19 Search



Select the database from the “Dropdown menu” to search, type in all or part of the place name. Quo will display all the search results in the “Results Box”.

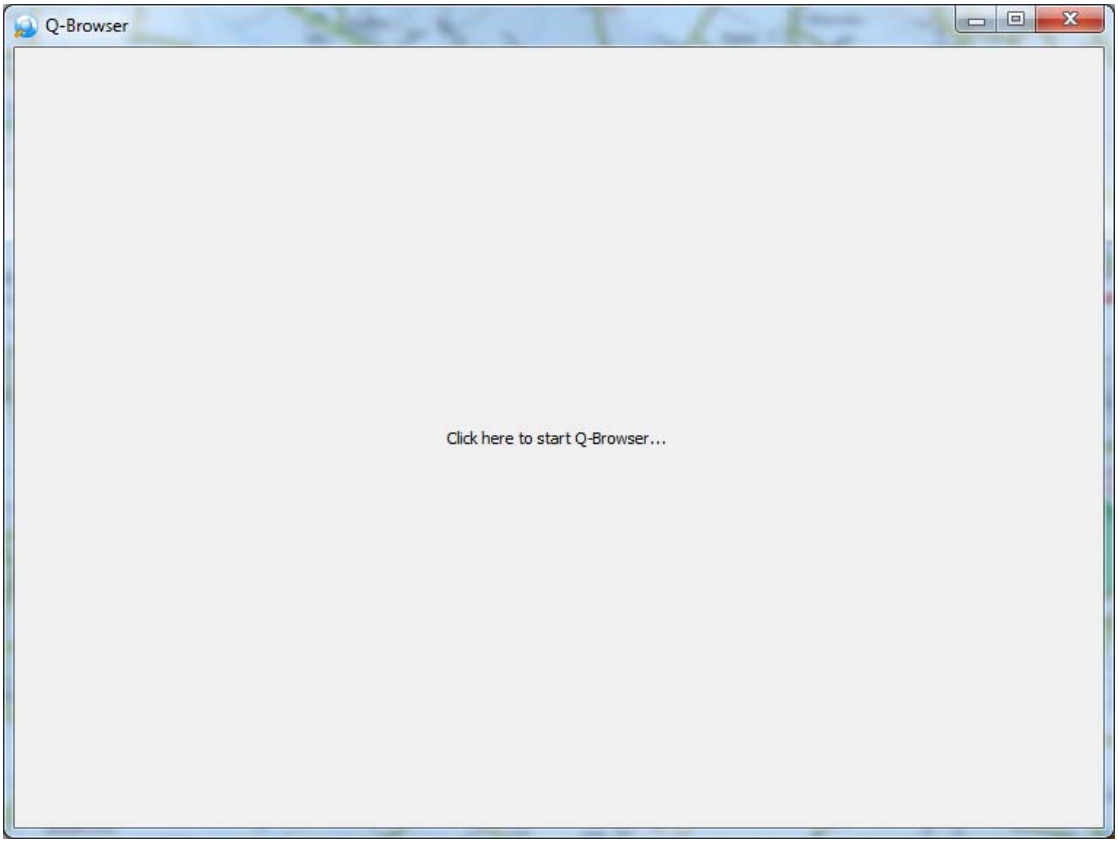
Search Visible Area Only	Will only search the area that you can see on your screen.
Draw Search Result on Map	Puts a point on the map of every result.
Draw Labels	If ‘Draw Search Map Results on Map’ is selected, this option will label every point placed with the name.

Jump to Coordinate



This function enables easy and quick relocation to any coordinate on the map.

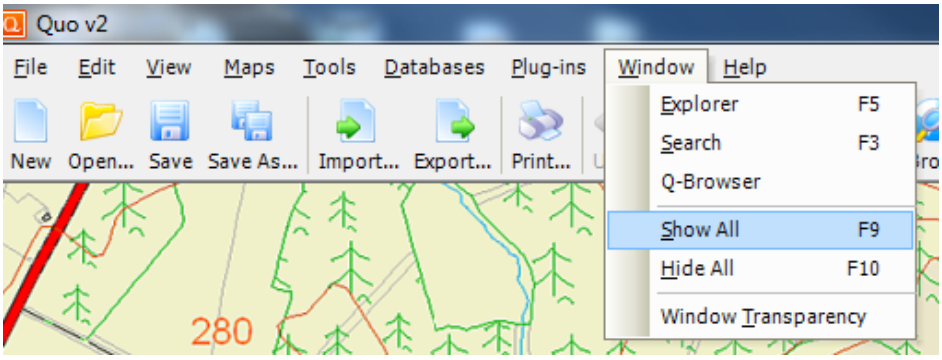
10.20 Q-Browser



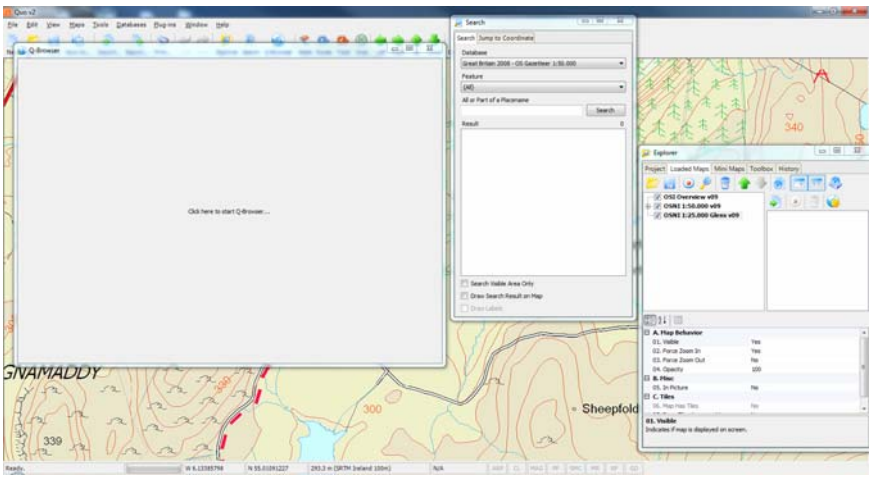
Clicking on “Q-browser” will make the screen above appear and by following the instructions the following screen appears.

“Q Browser” is an integrated “Quo web browser” that allows you to easily pick-up routes, maps and other items from Q-enabled websites, as well as access Quo content directly from Quo for example the Quo Forum http://forum.mapyx.com.

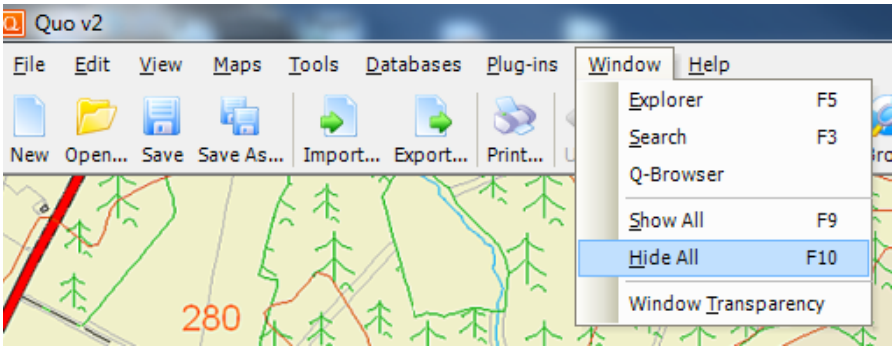
10.21 Show All



The ‘Show All’ function brings up all of the main windows that are used within Quo. These are: Q-Browser, Search and Explorer.

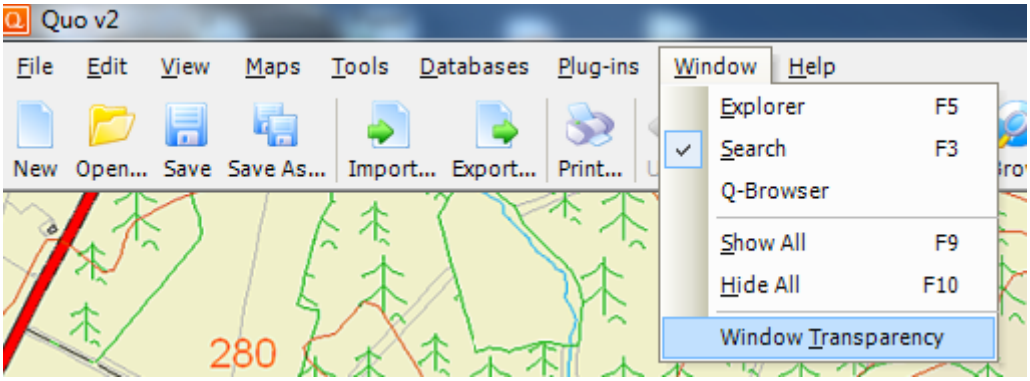


10.22 Hide All

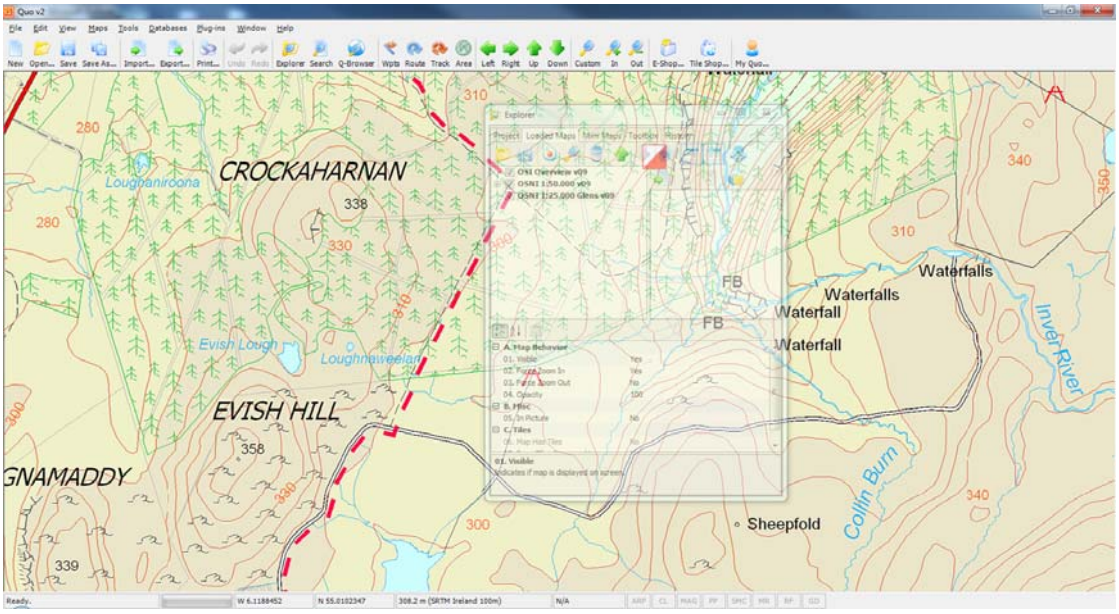


The ‘Hide All’ function hides all of the main windows that are used within Quo when open. These are: Q-Browser, Search and Explorer.

10.23 Window Transparency

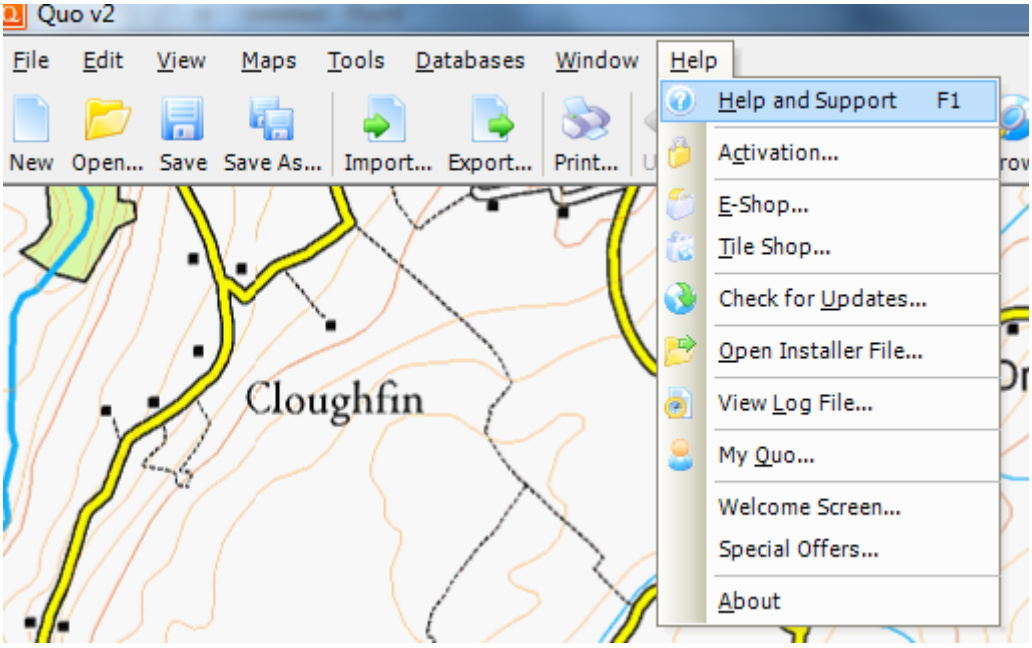


The ‘Window Transparency’ function allows windows that are covering the map to become transparent to the level that has been chosen within the ‘Preferences’ window.



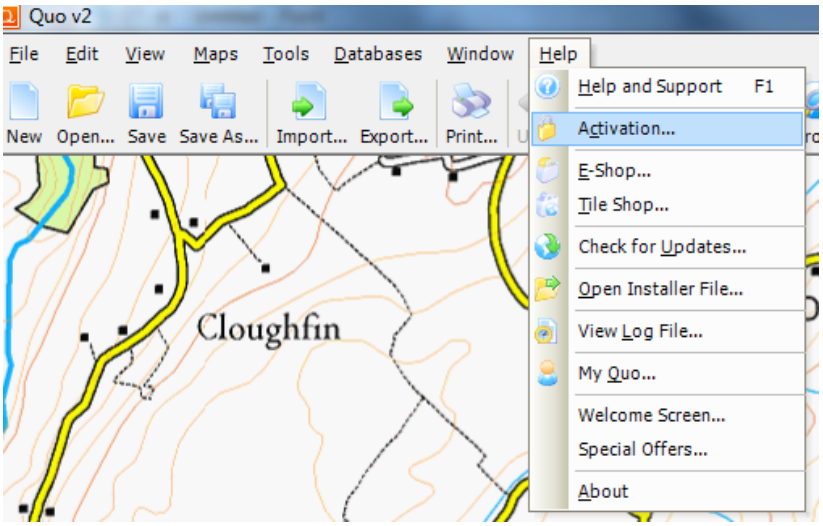
11.0 Help Menu

11.1 Help and Support



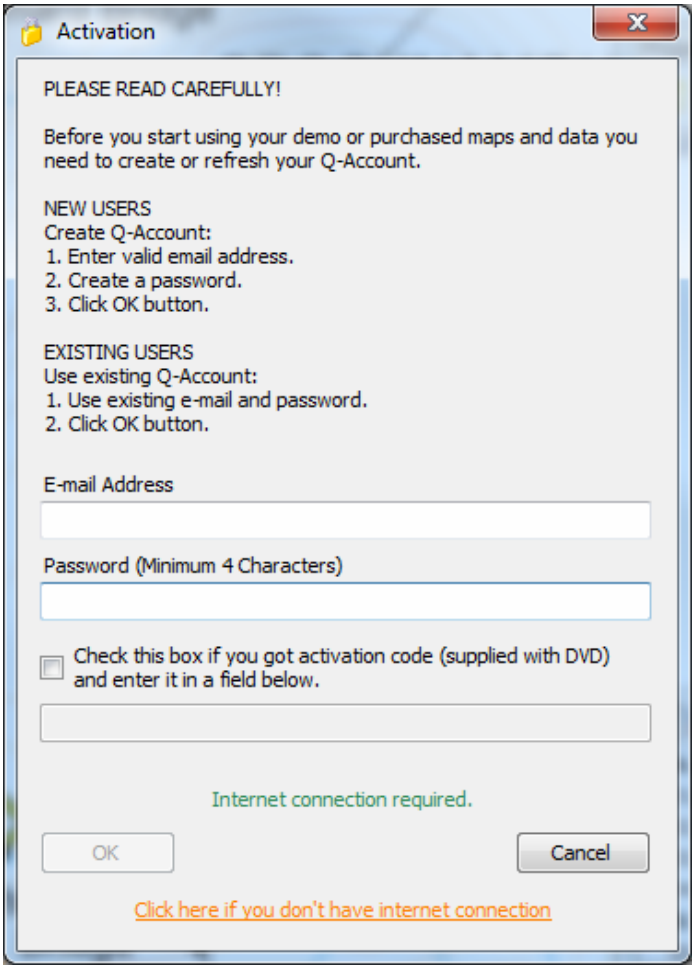
To get help and support for Quo click “Help and support” and this window appears.

11.2 Activation



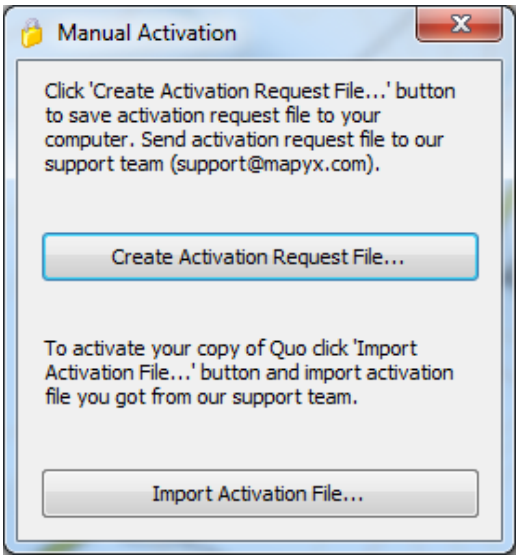
To activate purchased maps.

Below is the window which will appear when “Activation” is clicked.



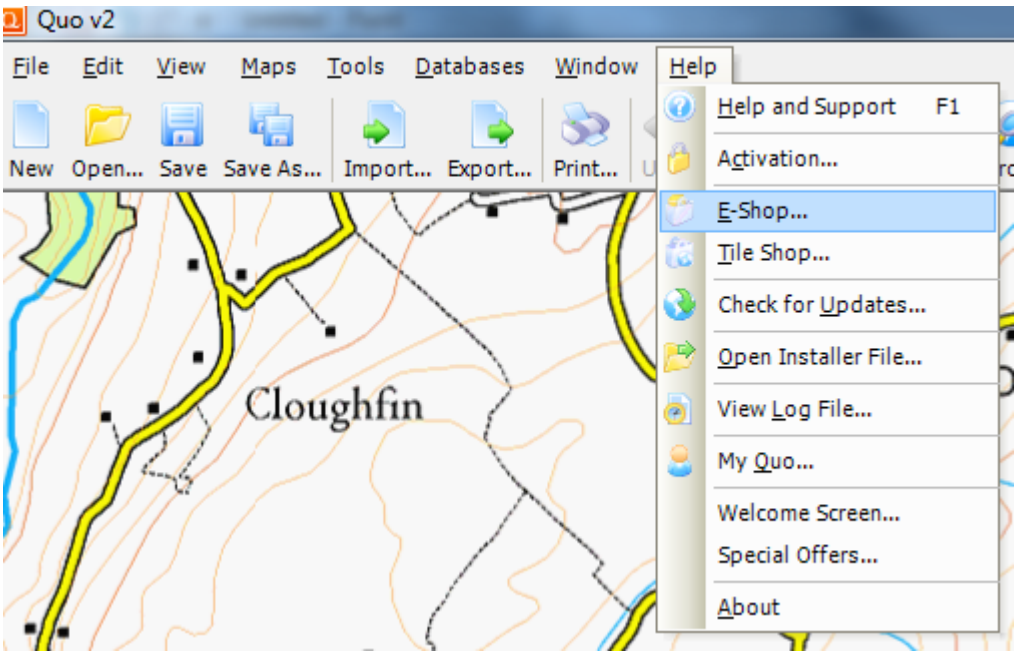
This is where to enter the details used to purchase maps to activate them.

Users without an internet connection click “Click here if you don’t have internet connection” and this window will appear.

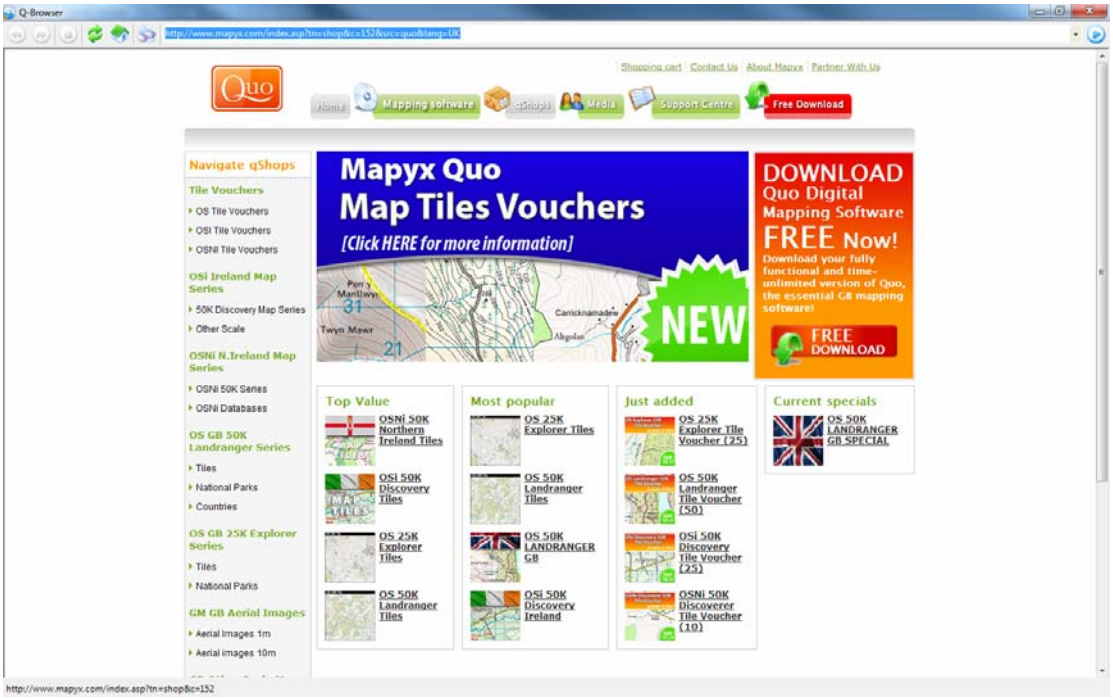


This will create an activation request file which should be emailed to our support team at info@mapyx.com who will create an activation file and return it by email. On receipt of the activation file import it here.

11.3 E-Shop

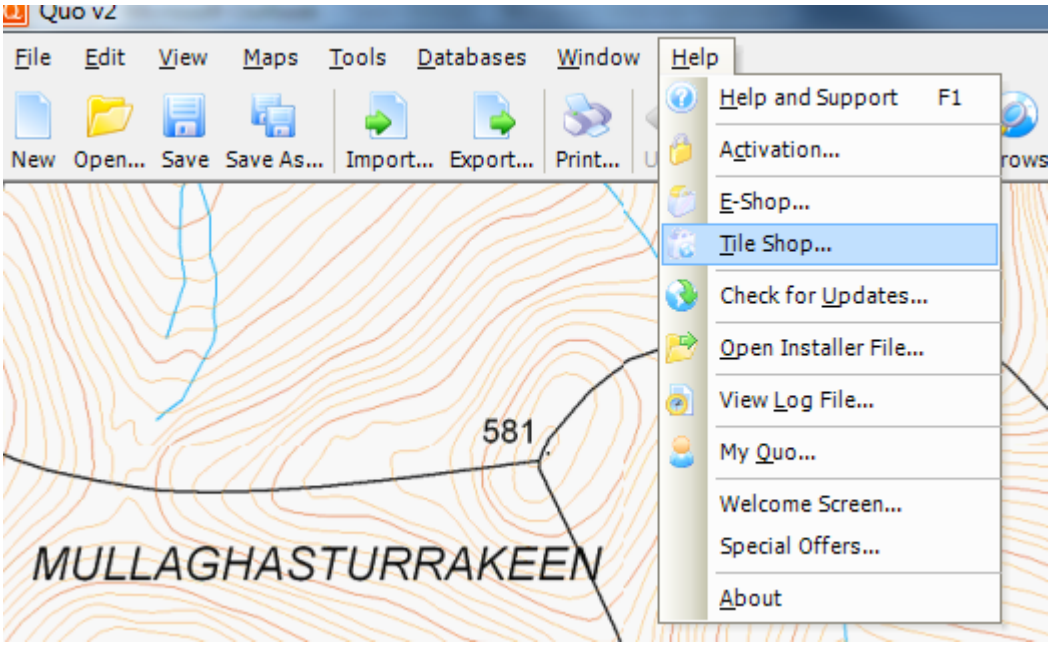


This is where to purchase map packages produced by Mapyx.



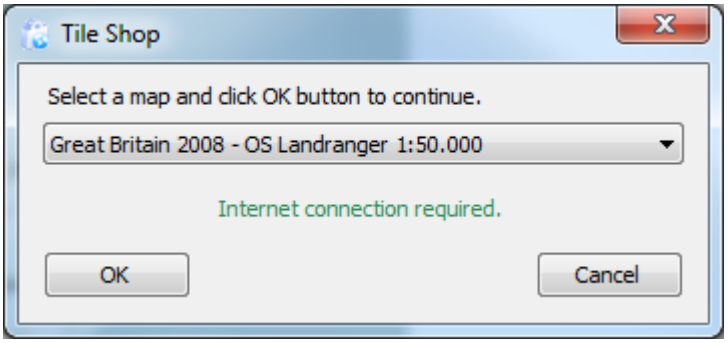
Above is the window that will appear on entry to E-Shop. Browse for pre-packaged products and purchase these.

11.4 Tile Shop

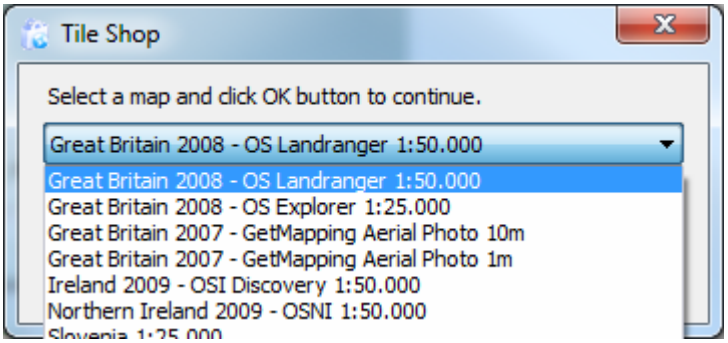


The “Tile shop” allows the purchase of tiles for the selected country and scale.

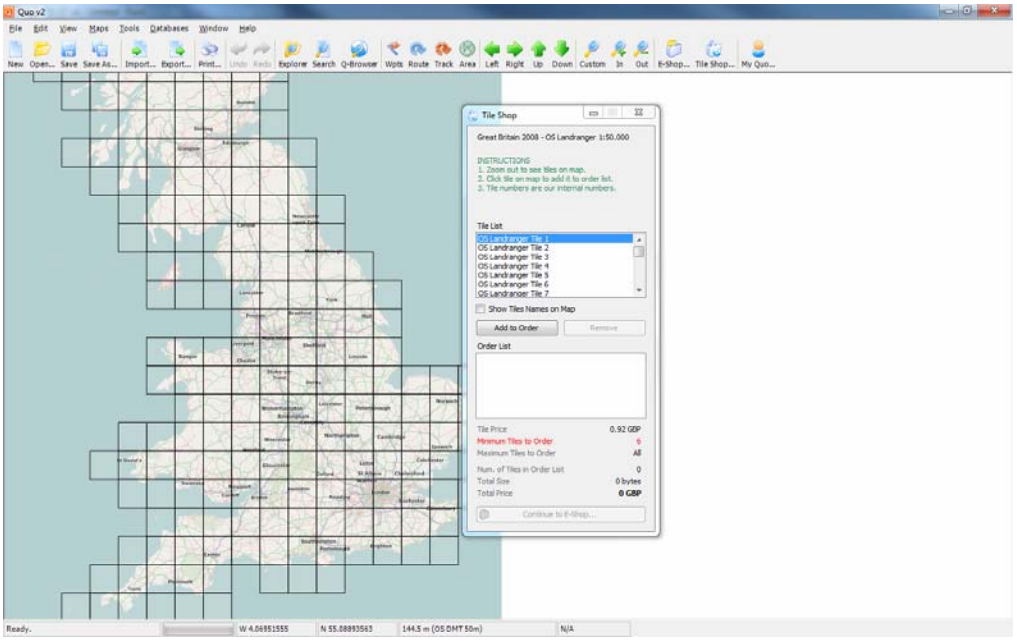
Click on “Tile shop”, choose the map to purchase tiles for.



Then choose type of tile to purchase by using the “Drop down menu”.

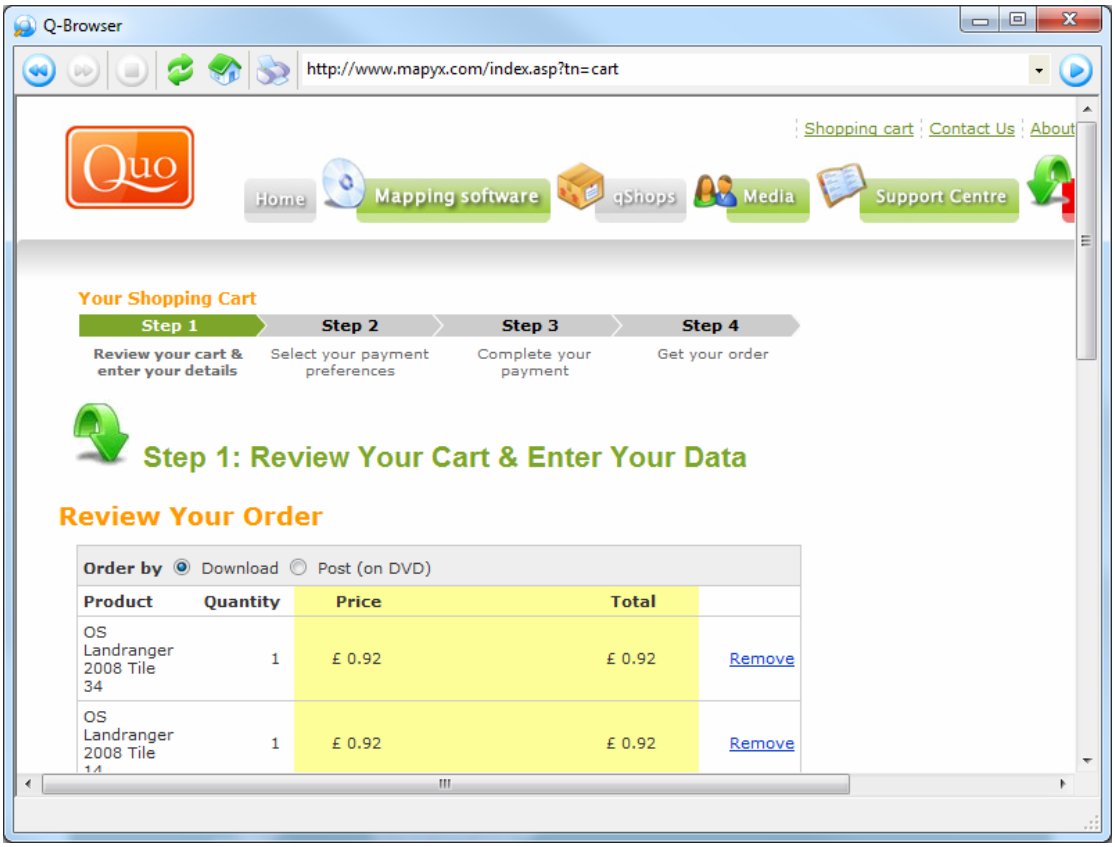


Select the map and click “OK”.
The tile shop will then load and a grid will be applied to the screen as shown below.

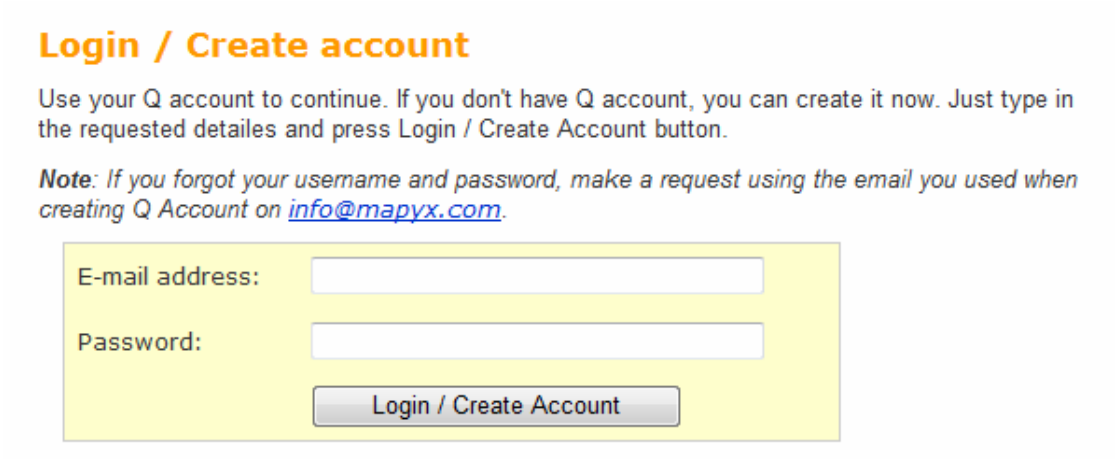


Click on the tiles on the map to select the tiles to purchase.
Once selection of the tiles is complete, click “Continue to E-Shop”.

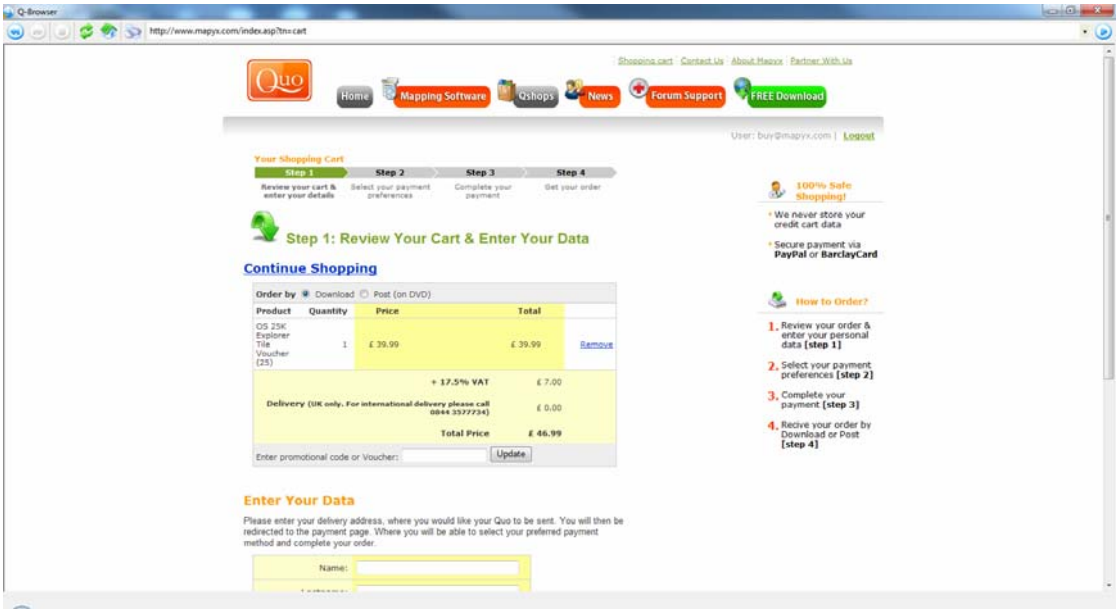
This will then load the window below where the user fills in details to complete purchase of tiles.



If you do not already have an account you will need to create an account by entering your email address and password.



Once logged in or created an account you will need to check all the items in your shopping cart and enter your details before you proceed.



Enter Your Data

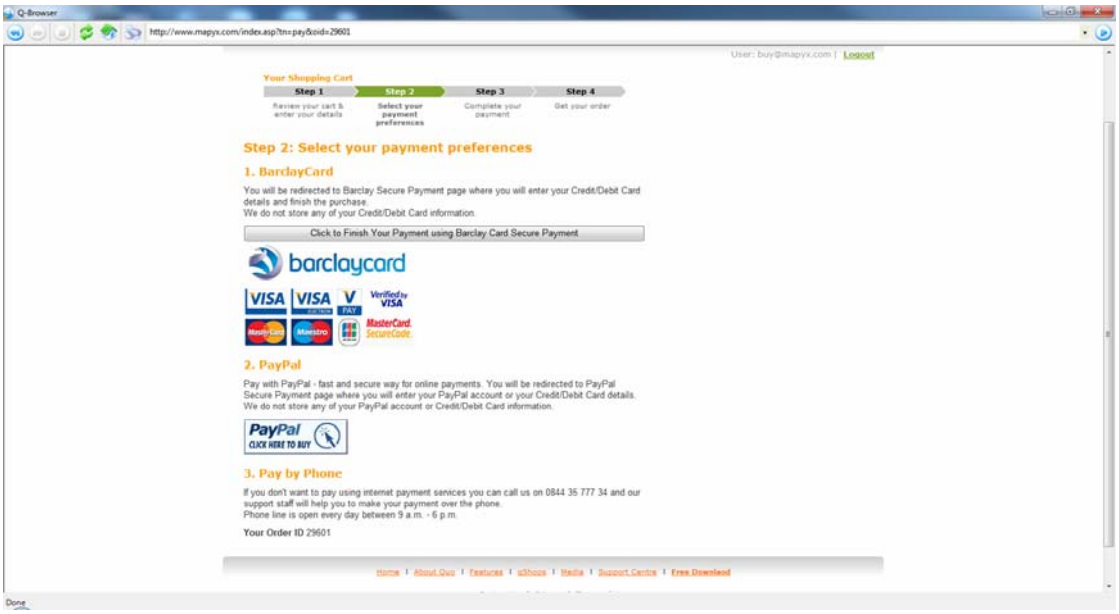
Please enter your delivery address, where you would like your Quo to be sent. You will then be redirected to the payment page. Where you will be able to select your preferred payment method and complete your order.

Name:	
Lastname:	
Address 1:	
Address 2:	
City:	
ZIP code:	
Country:	
Telephone:	
Email:	buy@mapyx.com

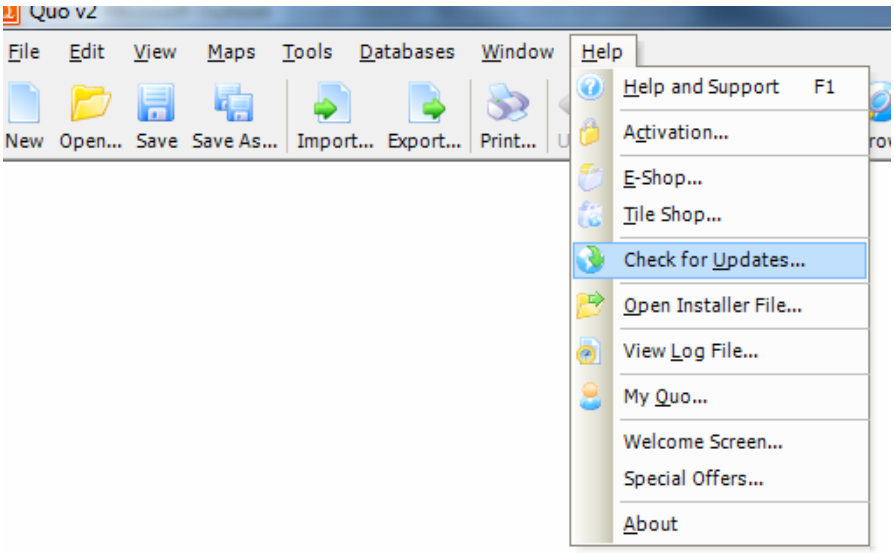
☑ Subscribe to Qnews

Continue to payment

You will now reach the payment stage. Here you can select your payment method.

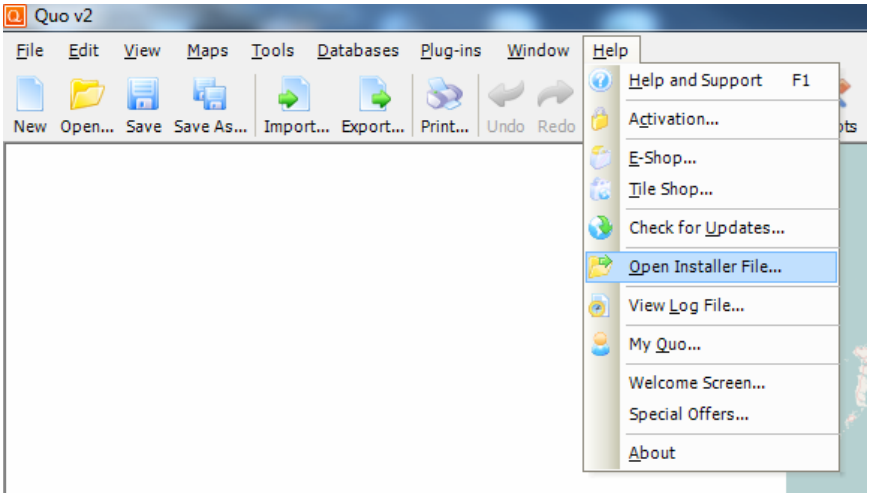


11.5 Check for Updates



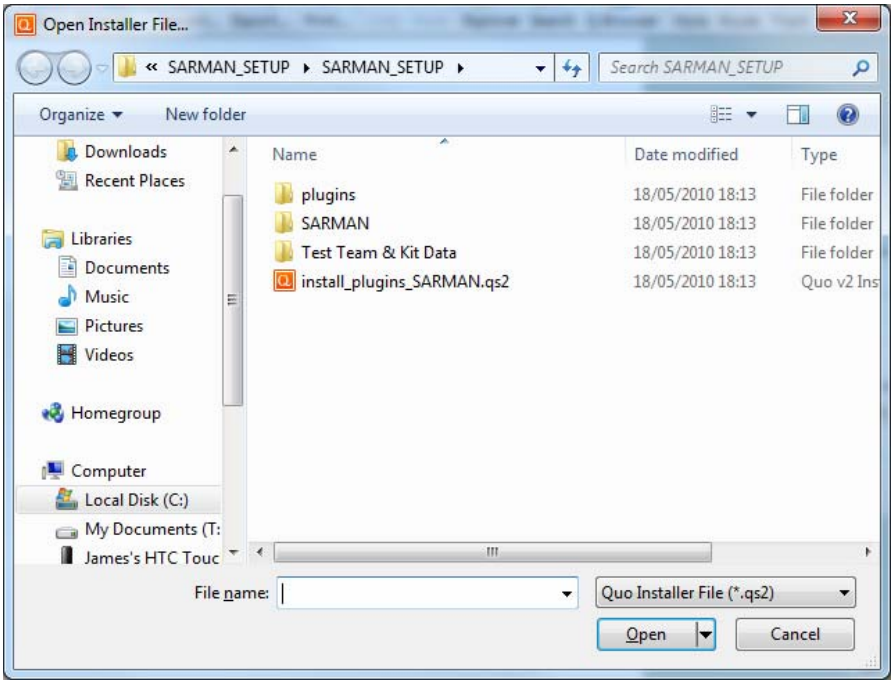
Any updates available for the programme can be checked here. If there are any updates the programme goes to “Quo forum” which will provide instructions and information on the latest update.

11.6 Open Installer Files

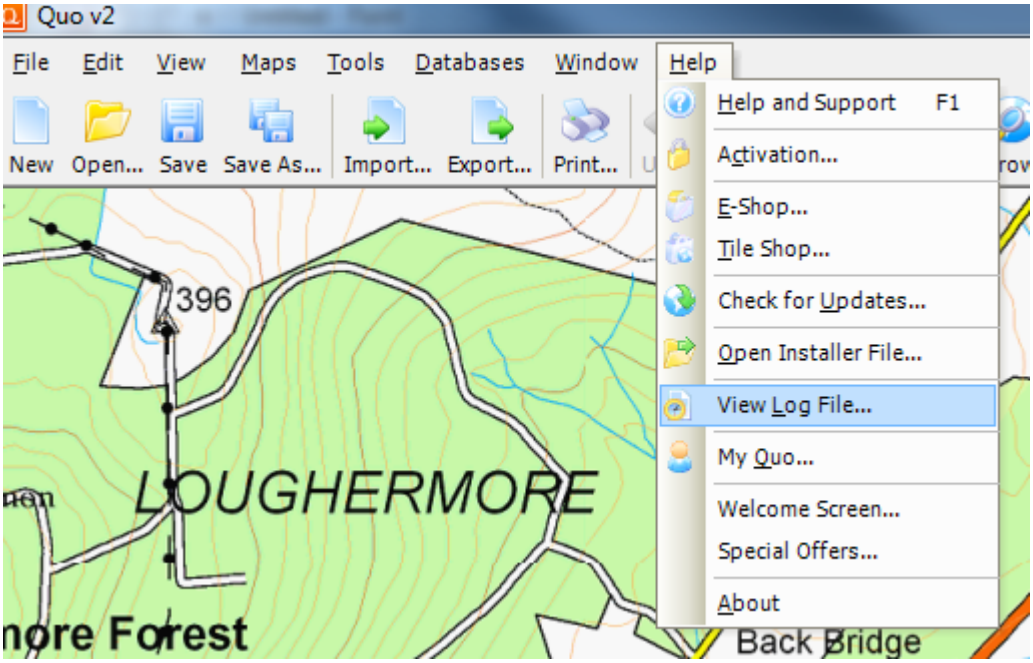


The 'Open Installer File' function is where installer files that have been either downloaded or received on DVD can be opened through the software to install maps or data.

The window to open an installer file is a standard "Windows" window; open window as shown below. The file extension for installer files is .qs2.

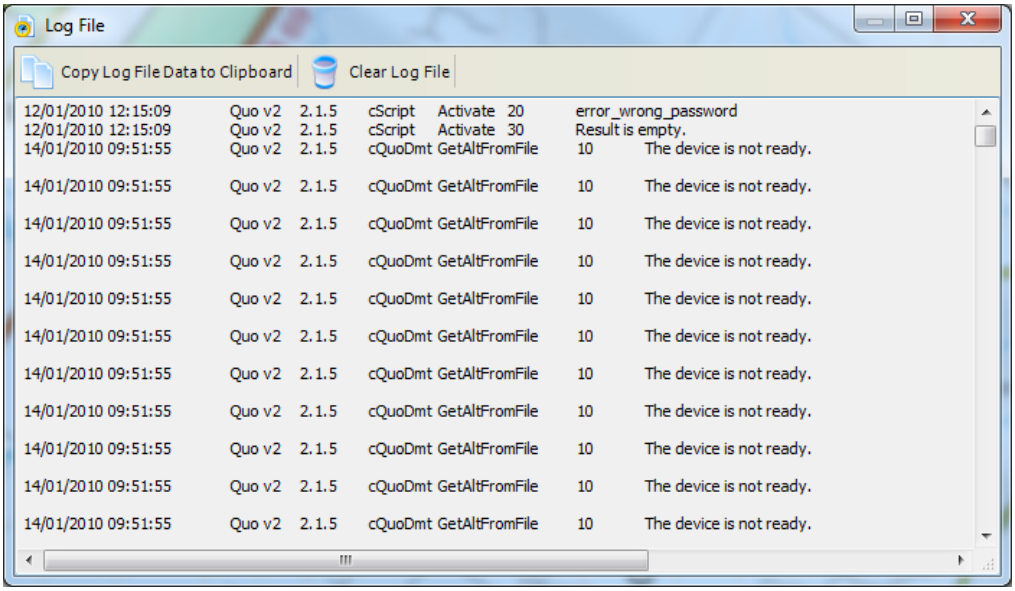


11.7 View Log File



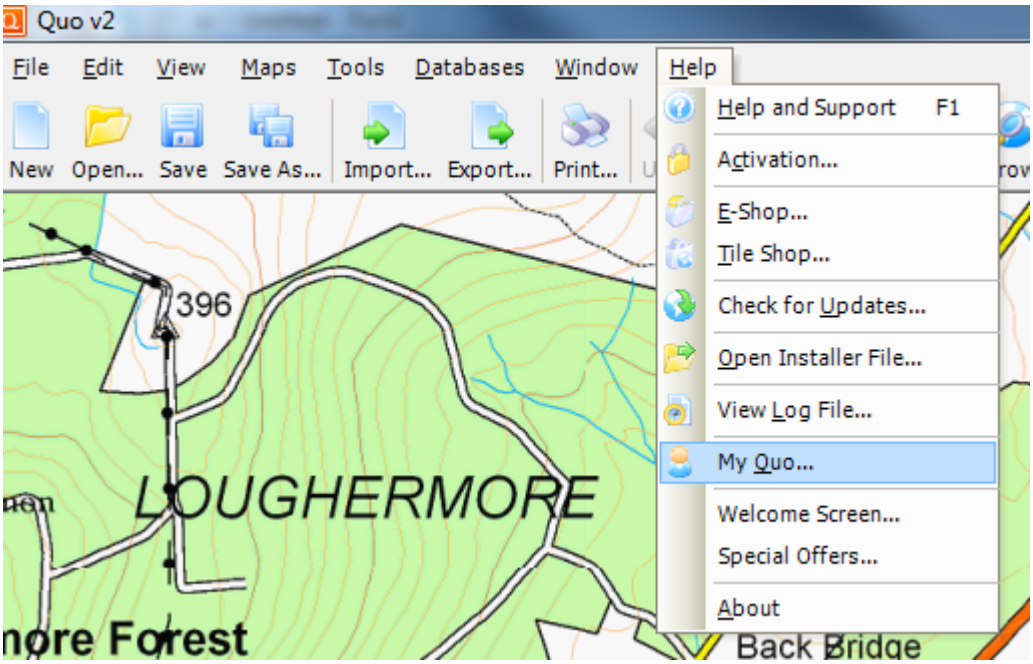
The information in this log is used by the support team if users are having problems. Quo will have logged any errors encountered connecting to internet or running Quo.

Click on “View Log File”, then this window will appear.

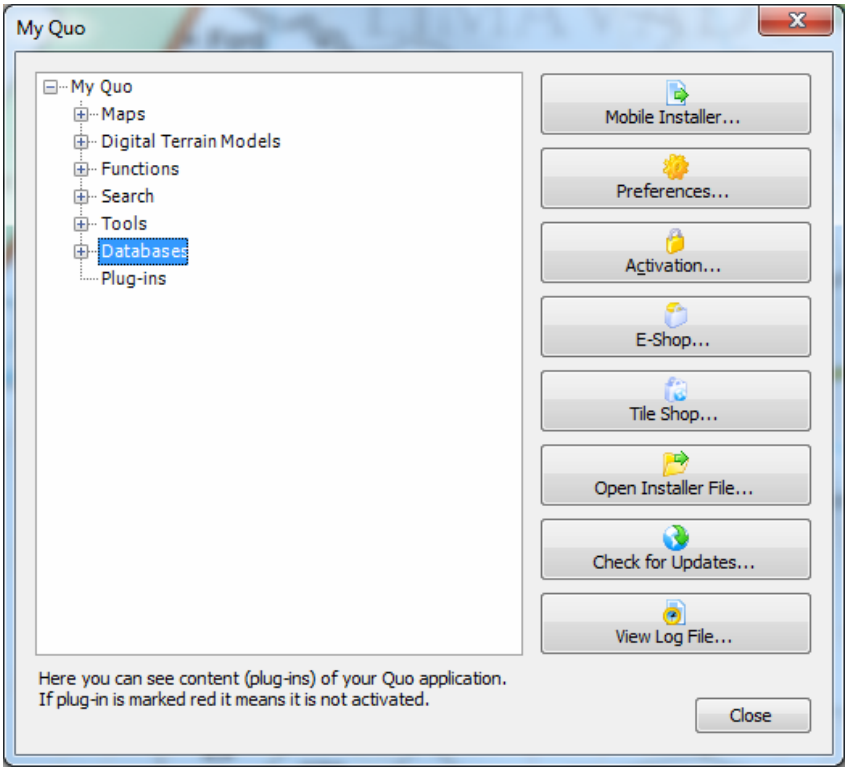


This information can be sent to the support team by using the “Copy Log file Data to Clipboard”, or the log file can be cleared if there are no problems.

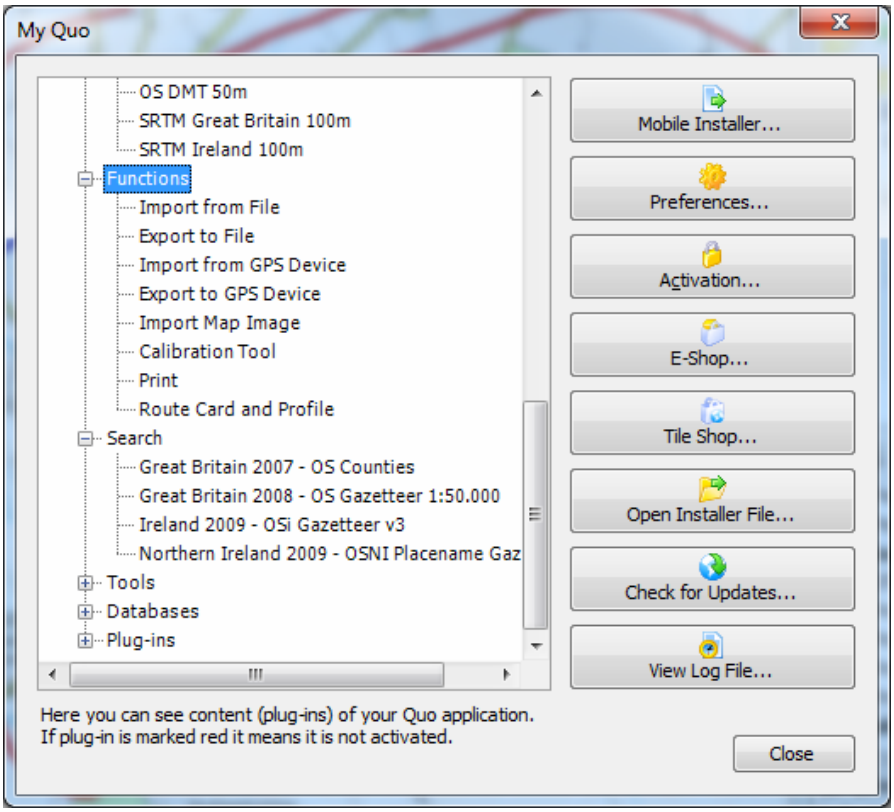
11.8 My Quo



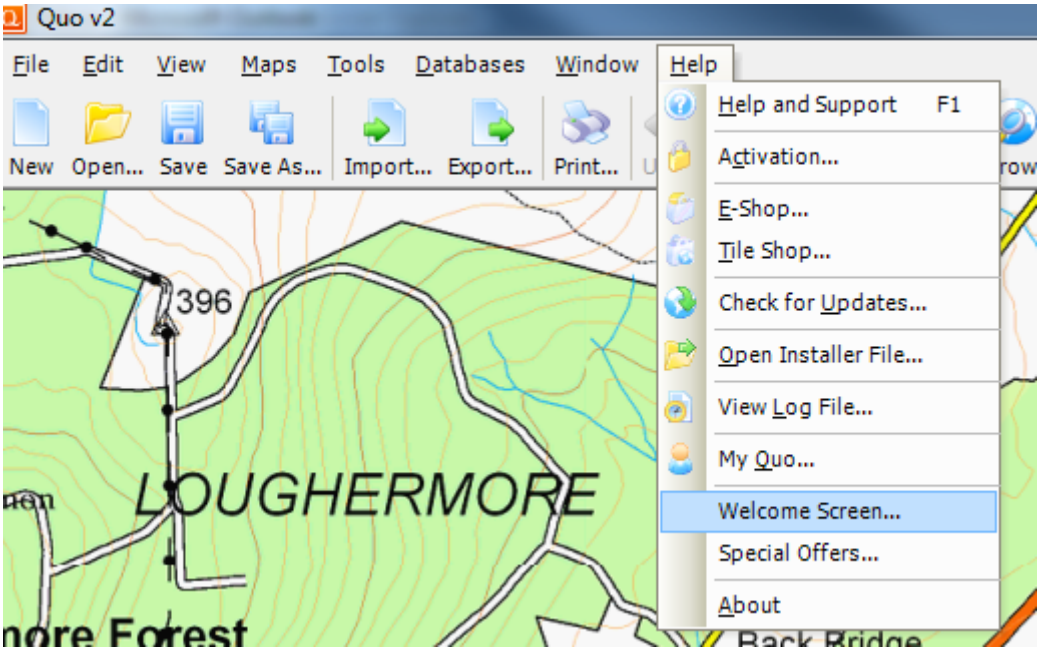
Go to “My Quo” to find out the features and maps installed in Quo.



Expanded:

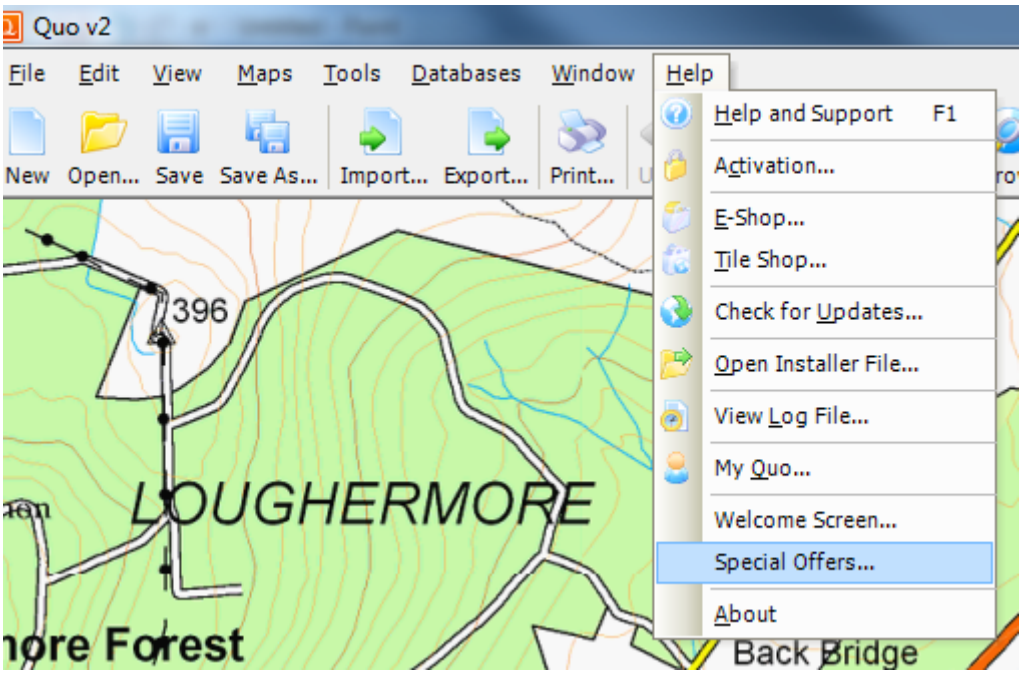


11.9 Welcome Screen



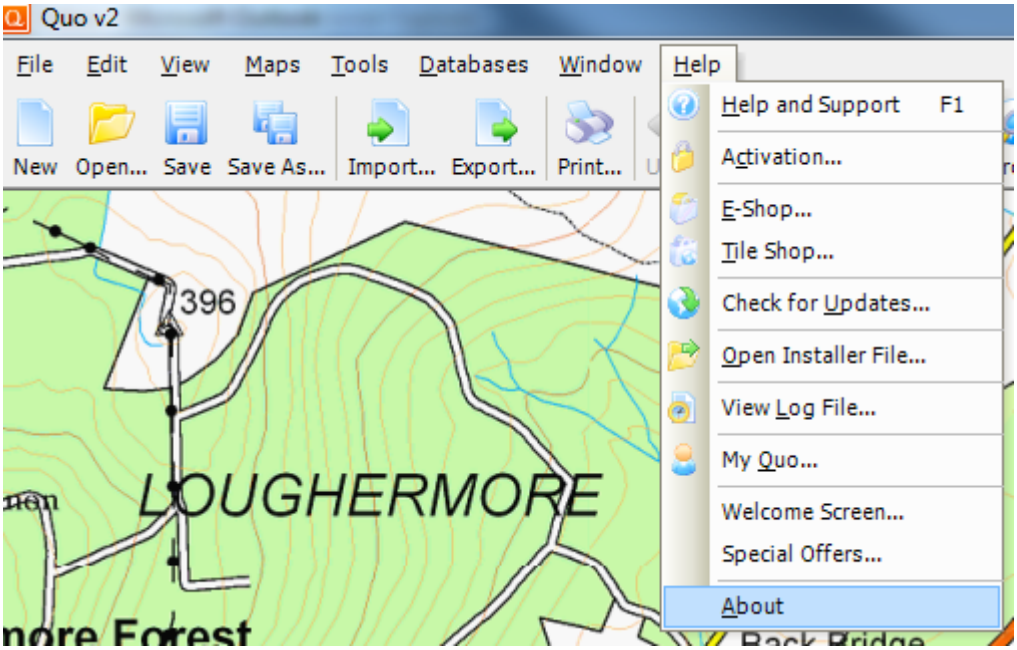
The “Welcome screen” is the first screen encountered on first installing Quo software. From this screen the free maps, demo maps and data for the countries available can be downloaded. Links to video’s showing how to use the Quo functions are also on this screen.

11.10 Special Offers

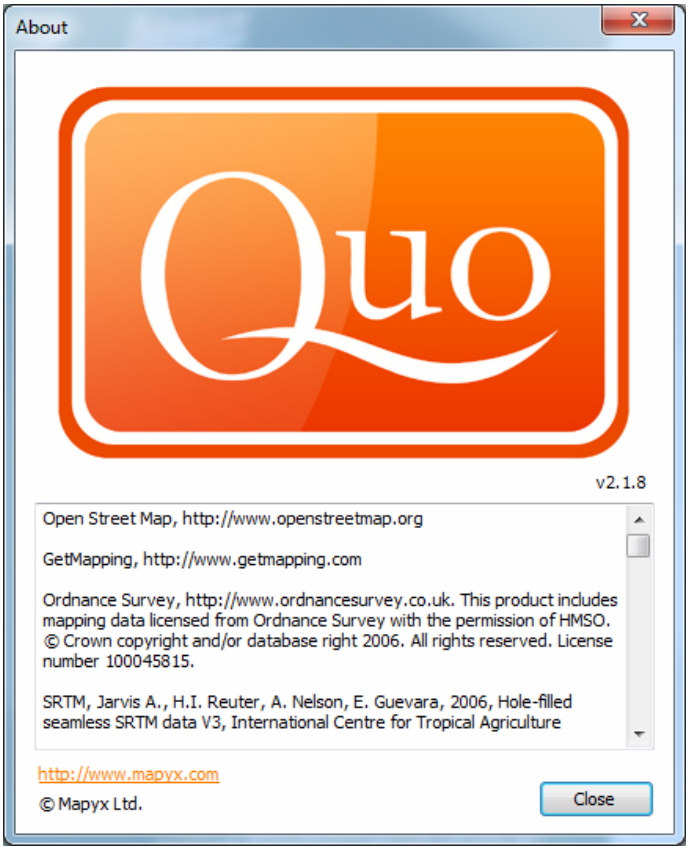


The latest offers from Mapyx Ltd are displayed on this screen.

11.11 About



The installed version of Quo and also the “Licence Agreement” can be viewed by clicking on “About” and the following Screen will appear.


About
v2.1.8
Open Street Map, http://www.openstreetmap.org
GetMapping, http://www.getmapping.com
Ordnance Survey, http://www.ordnancesurvey.co.uk. This product includes mapping data licensed from Ordnance Survey with the permission of HMSO. © Crown copyright and/or database right 2006. All rights reserved. License number 100045815.
SRTM, Jarvis A., H.I. Reuter, A. Nelson, E. Guevara, 2006, Hole-filled seamless SRTM data V3, International Centre for Tropical Agriculture
http://www.mapyx.com
© Mapyx Ltd.
Close

12.0 Quick Launch Bar Menu

12.1 Print

Refer to section 5.10 of this report.

12.2 Print View Area

Refer to section 5.11 of this report.

12.3 Batch Convert

Refer to section 5.12 of this report.

12.4 Recent Projects

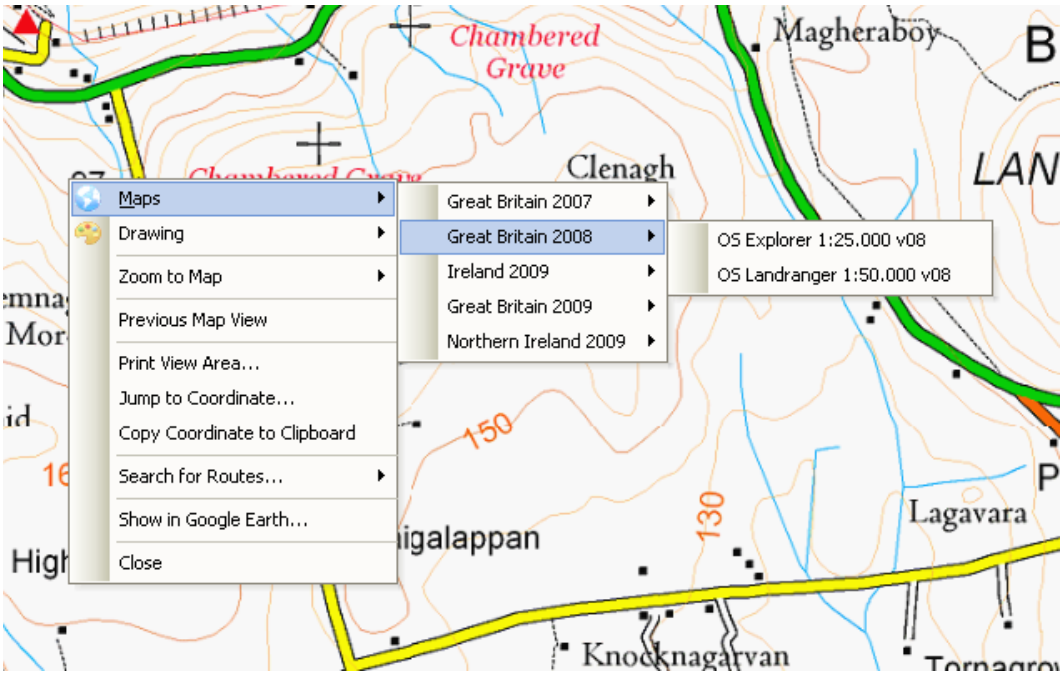
Refer to section 5.13 of this report.

12.5 Exit

Refer to section 5.14 of this report.

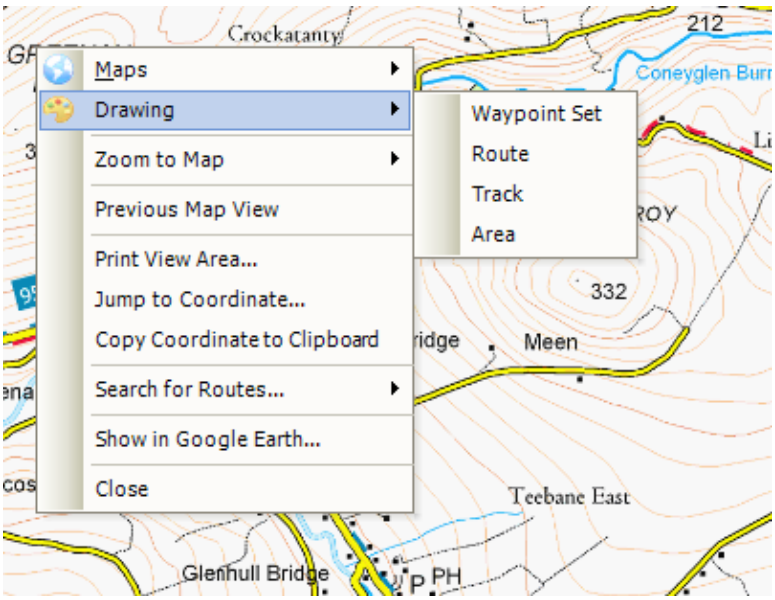
13.0 Right Click Map Menu

13.1 Maps

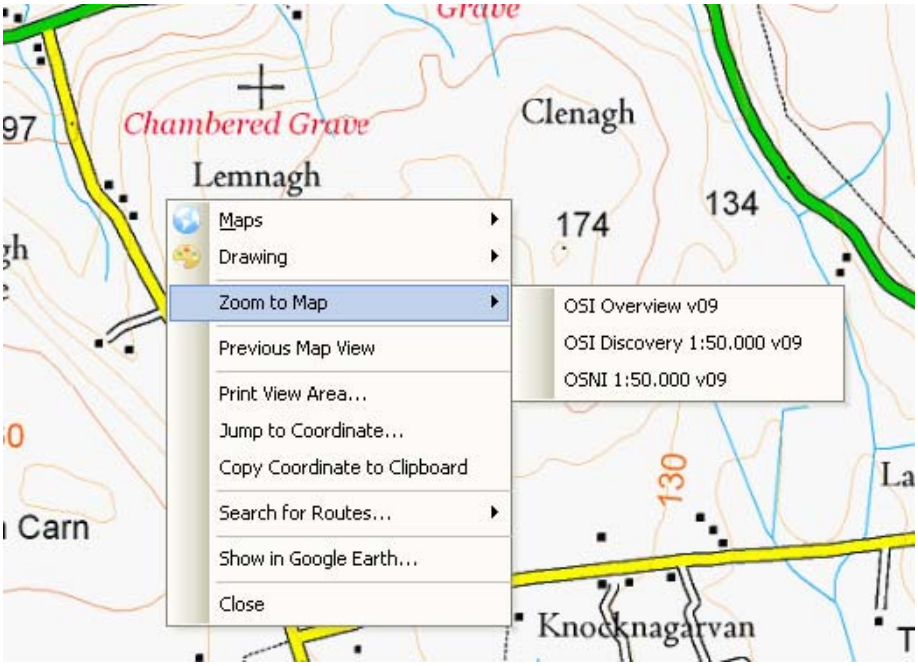


13.2 Drawing

When drawing is selected a submenu opens as shown below. This function enables drawing of “Waypoint sets”, “Routes”, “Tracks” or “Areas”. It can be used to create an area from a drawn set of waypoints and vice versa or to convert a set of waypoints into a route or a track.



13.3. Zoom Map



This function enables viewing of projects in any of the loaded maps scale.

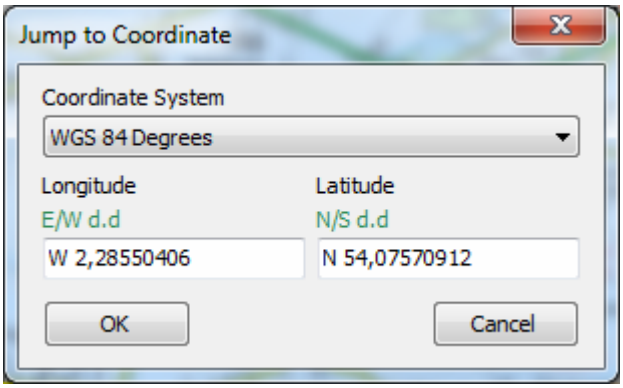
13.4. Previous Map View

"Previous Map View" reloads the map loaded before "Zoom to Map" function was chosen.

13.5. Print View Area

Selecting "Print View Area" will print the area which was viewed.

13.6. Jump to Coordinate

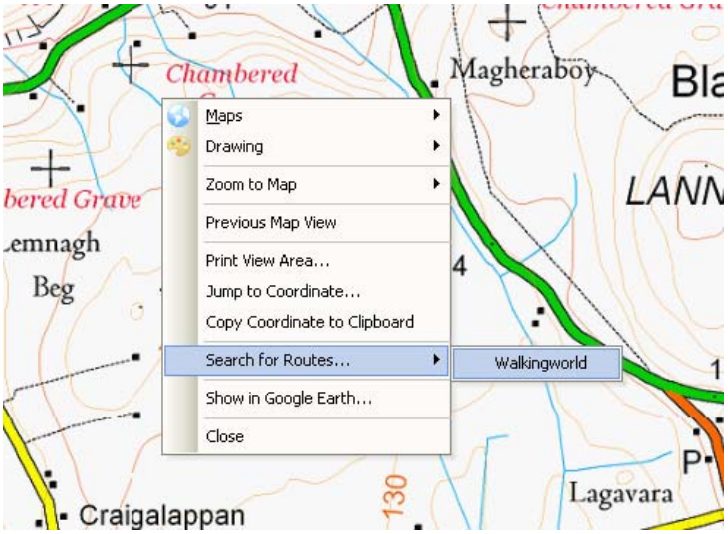


This function enables easy and quick relocation to any coordinate on the map.

13.7. Copy Coordinate to Clipboard

If this function is selected, chosen coordinates will be copied to the Clipboard.

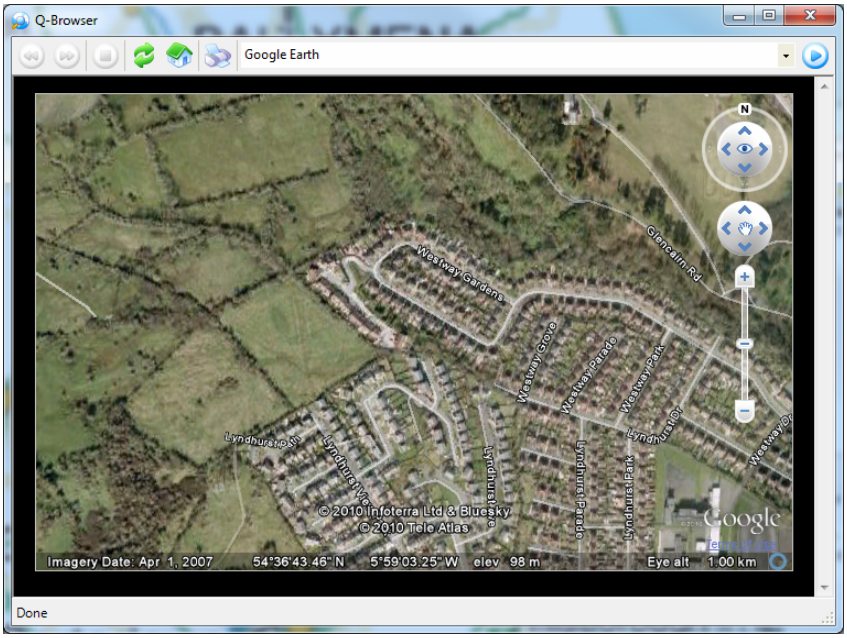
13.8. Search for Routes



This function enables searches for preloaded routes with maps and other details in the “Walkingworld database”. To access the detailed database a subscription from Walkingworld would need to be purchased.

13.9. Show in Google Earth

Current area or chosen area, route, waypoint or track will be displayed in Google Earth’s satellite view.

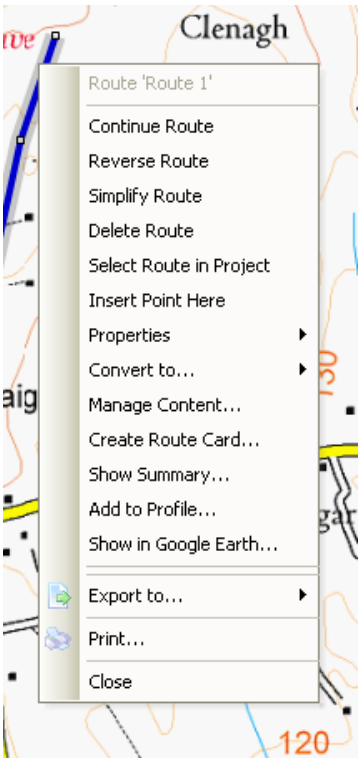


13.10. Close

Selecting “Close” will close the “Right- click map menu”.

14.0 Right Click Route Menu

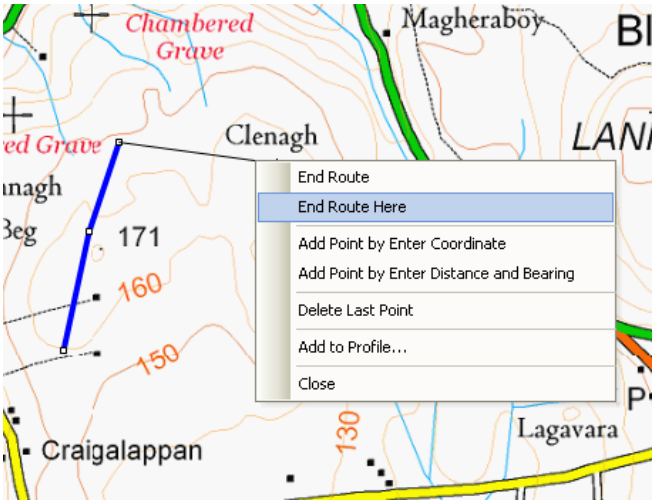
14.1 Route



Right mouse click to route displays a selection of functions and tools for route management.

14.2 Continue Route

A set, finished or stored route can be continued from the end point by choosing “Continue Route” function. To finish the route again, right click and choose “End Route Here” or “End Route”.



14.3 Reverse Route

This function reverses the route direction from start to finish.

14.4 Simplify Route

This function simplifies the route by reducing the number of waypoints.

14.5 Delete Route

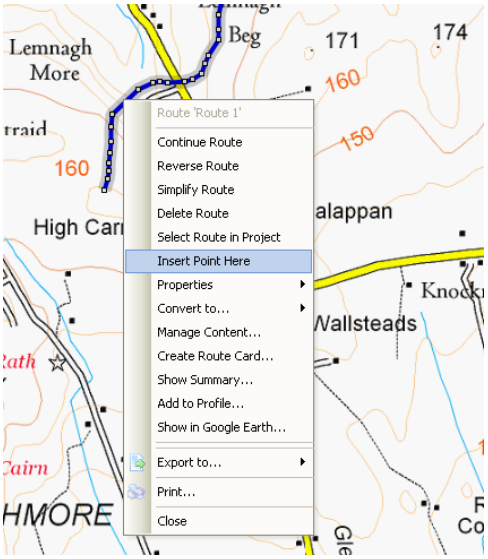
This function deletes the created route.

14.6 Select Route in Project

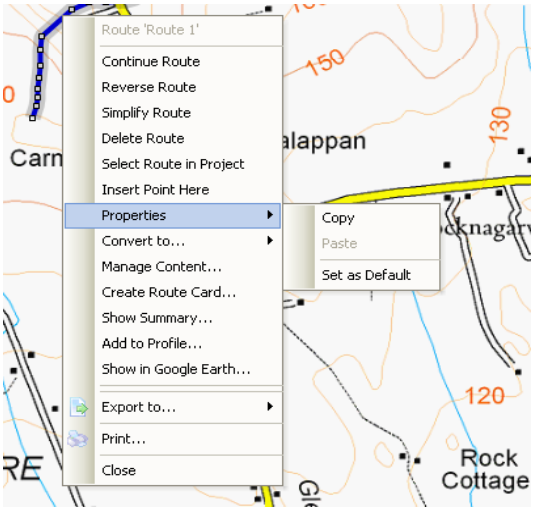
If the project consists of one or more routes, selection of this function will display route's properties within the Project.

14.7 Insert Point Here

This function adds one waypoint at time to any chosen part of a route. To insert a point locate the location along the route and right click, then select 'Insert Point Here'.

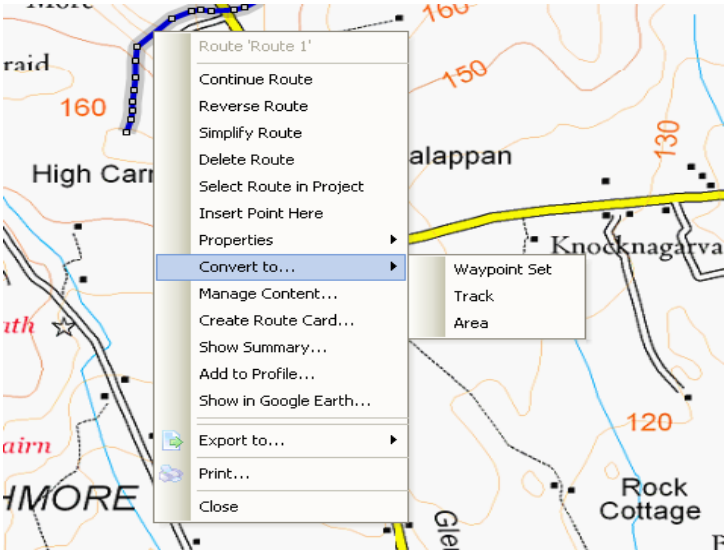


14.8 Properties

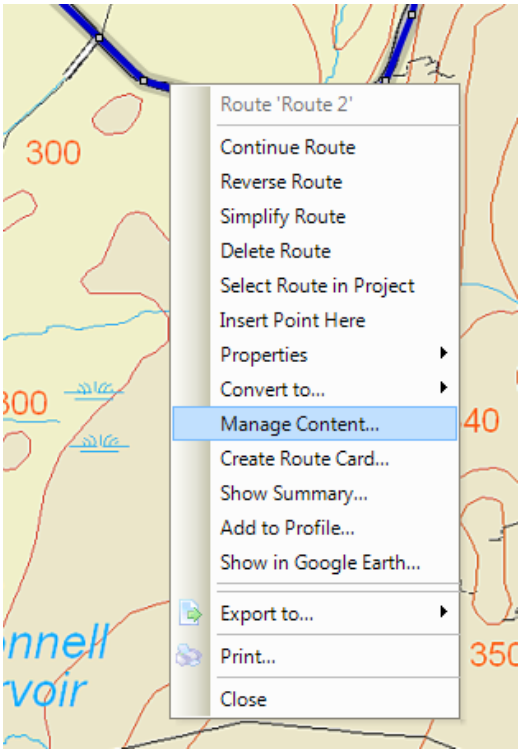


14.9 Convert to

Route can be converted to a “Waypoint set”, a “Track” or to an “Area. If “Waypoint set” is selected, a set of waypoints will be created along the route. If “Track” is selected the route will be converted into a track. If “Area” is selected, Quo will connect the route’s start and finish point and display the whole area.

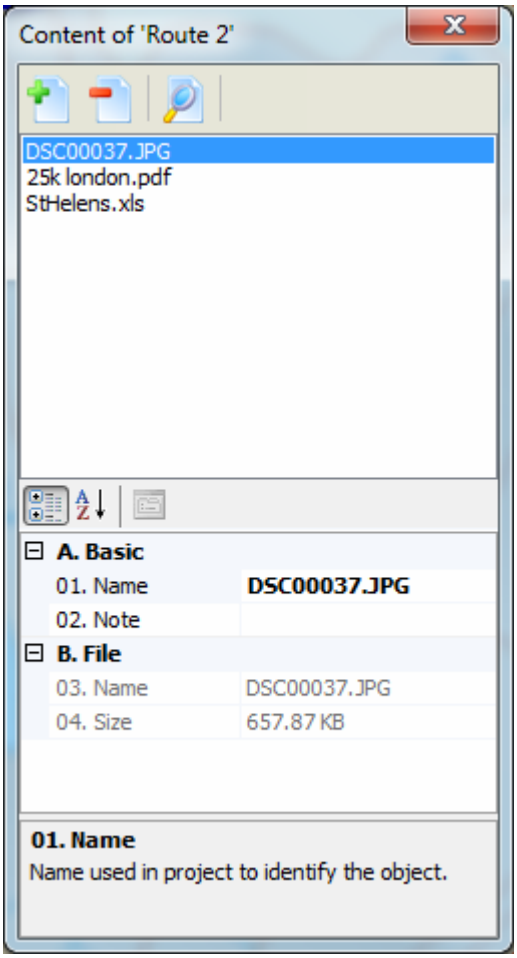


14.10 Manage Content



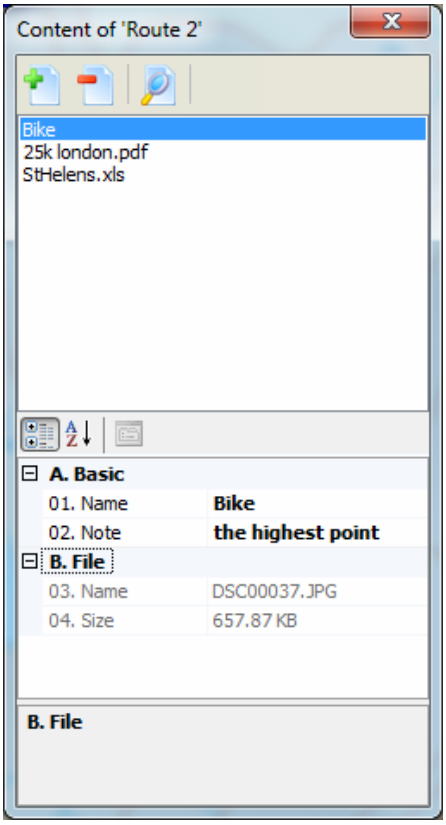
The ‘Manage Content’ function allows all type of files to be added to the route and opened up on the computer in its specific program, this can include pictures, video’s, documents, spreadsheets, websites etc.

To add content to the route click on the + (plus) icon, this will then open up a generic open file window used by most windows applications. Select the files to be added.



To remove content from the route, click on the – (minus) button and to view the content either double click on the file or click on the magnifying glass.

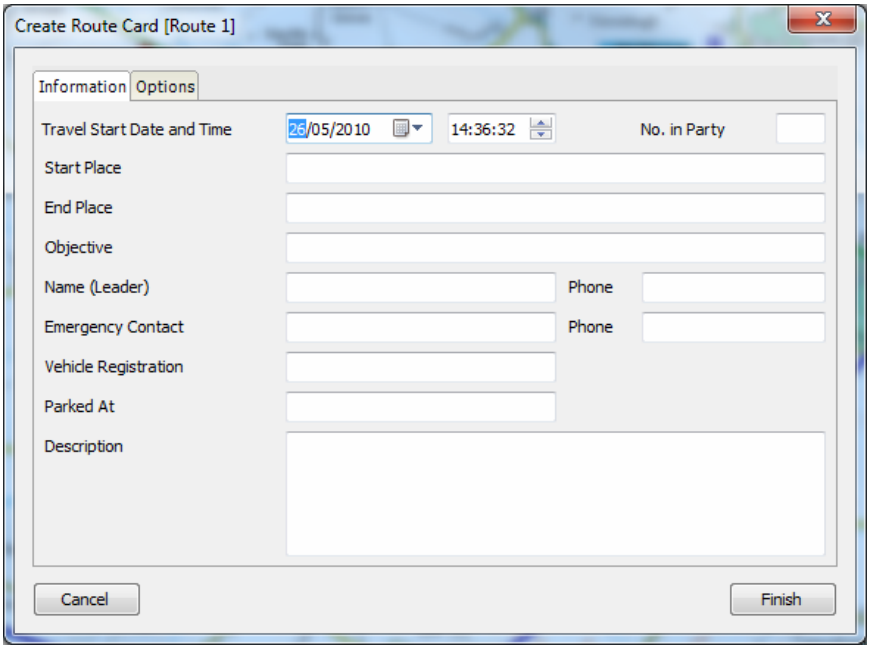
At the bottom of the ‘Manage Content’ window there is a properties box, change the name of the file and also add notes about the file here.



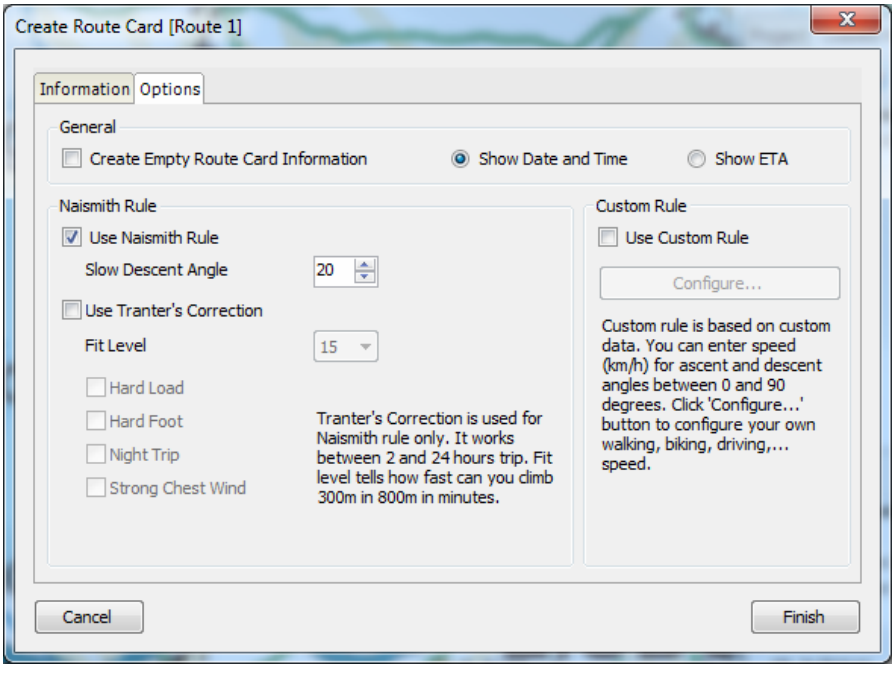
The content can be changed at any time; it will also be linked to the Quo file when saved.

14.11 Create Route Card

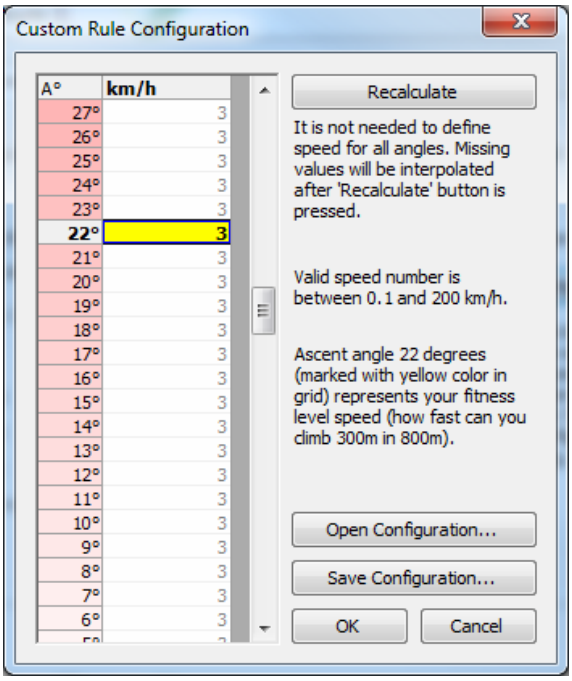
A “Route card” with a number of details can be created. Mapyx highly recommends printing of this card. It should be left with a trusted person for emergency cases.



Options



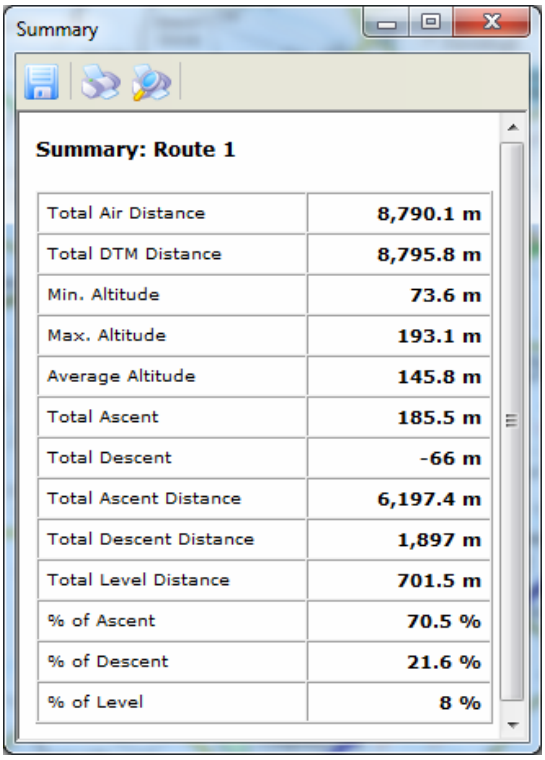
Create Empty Route Card Information	Creates a route card with no ‘Information’. This is the information you enter under the ‘Information’ tab.
Show Date and Time	Displays date and time in route card.
Show ETA	Shows the estimated time of arrival in route card.
Use Naismith’s Rule	Naismith's Rule is a rule of thumb that helps in the planning of a walking or hiking expedition by calculating how long it will take to walk the route, including ascents. The rule was devised by William W. Naismith, a Scottish mountaineer, in 1892.
Slow Decent Angle	Adjust the angle of decent.
Use Tranter’s Correction	Fine tunes values calculated by Naismith Rule.
Fit Level	
Hard Load	Person carrying Heavy equipment
Hard Foot	Terrain difficult to walk.
Night Trip	Walking through the night.
Strong Chest Wind	Strong wind blowing towards the direction of walk.
Use Custom Rule	Allows you to adjust your speed.



Custom speeds are entered here. Also users can save or open previous configuration files. Change the value for 0° and click on 'Recalculate' this will automatically change to the same for each angle. Enter different values for different angles and then click calculate; Quo will calculate your speed. It is best to do this with intervals as Quo will calculate the speed for the ones in between. Once the custom rule is completed click ok to return to the previous screen.

14.12 Show Summary

When chosen "Route's summary" is displayed as shown below:

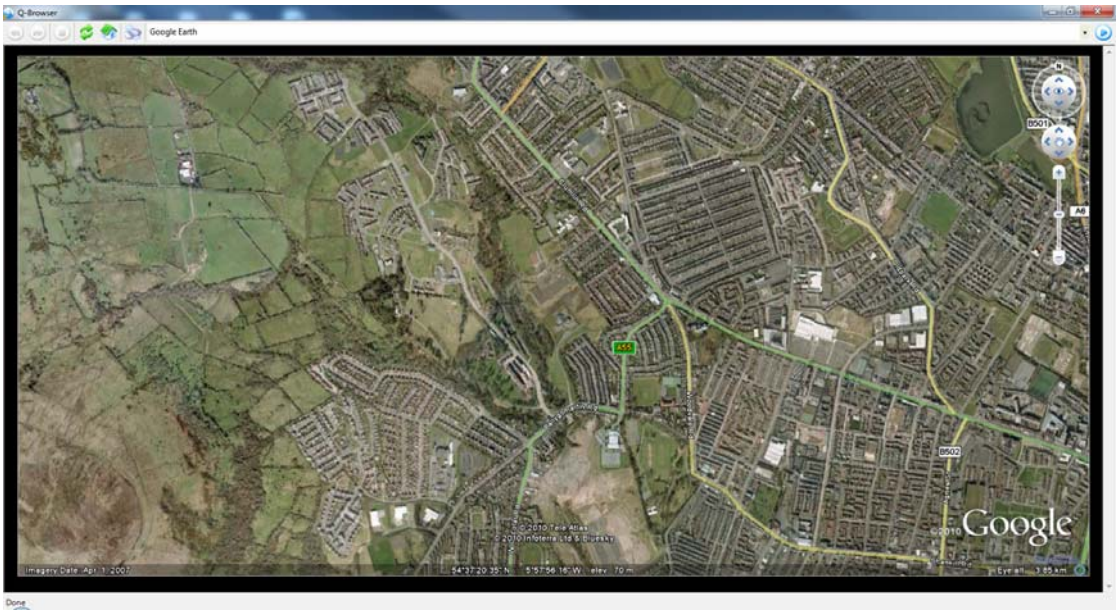


14.13 Add to Profile

This function creates a detailed profile of the route with distance and altitude displayed as well as route's summary as shown in 13.12.

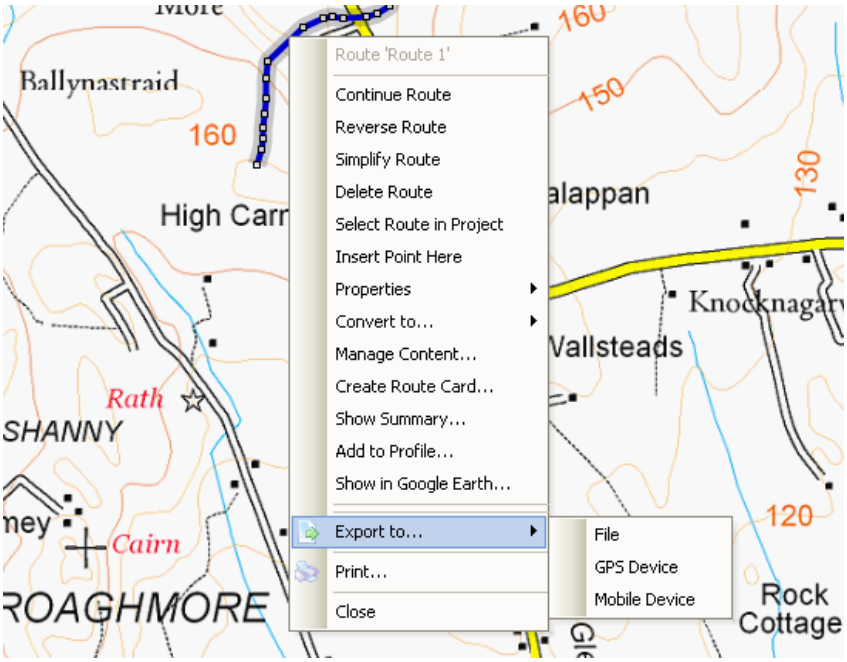
14.14 Show in Google Earth

Route will be displayed in Google Earth's view.



14.15 Export to

"Export to" enables export to any computer file, to a GPS device or to a mobile device.



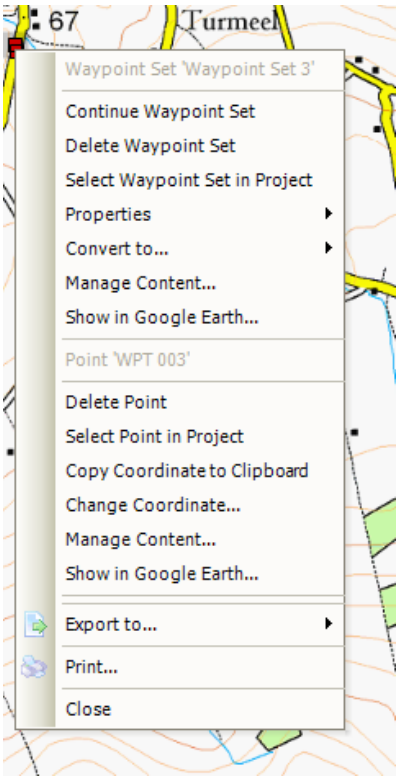
14.16 Print
Refer to section 5.10 of this report.

14.17 Close
Choosing “Close” will close the “Right Click Route Menu”.

15.0 Right Click Waypoint Menu

15.1 Waypoint

Right-click on a waypoint opens the following menu:



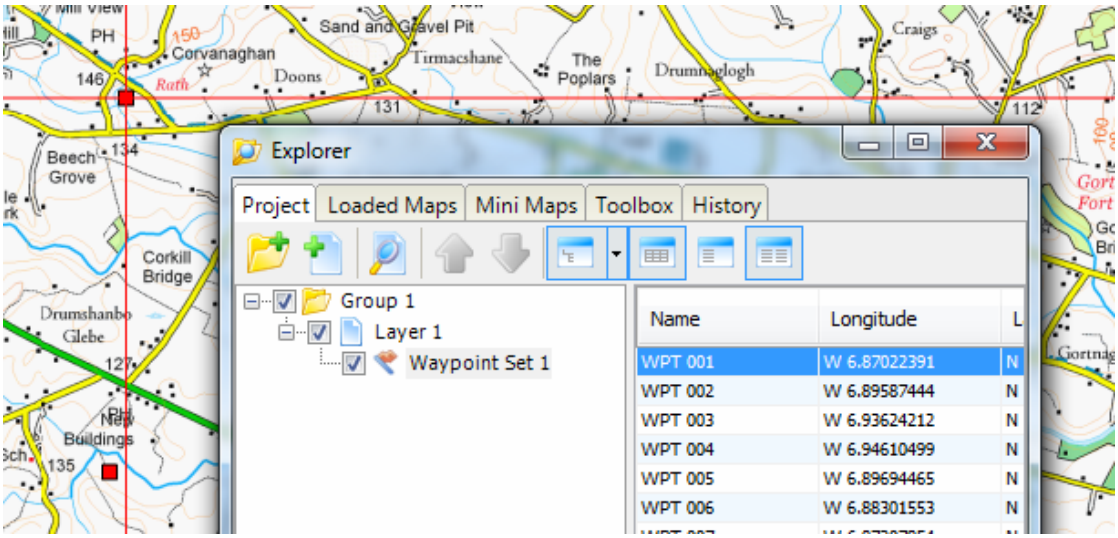
15.2 Continue Waypoint Set

A set, finished or stored waypoint set can be continued from the end point by “Continue Waypoint Set” function. To finish creating waypoint set again, right click and choose “End Waypoint Set Here” or “End Waypoint”.

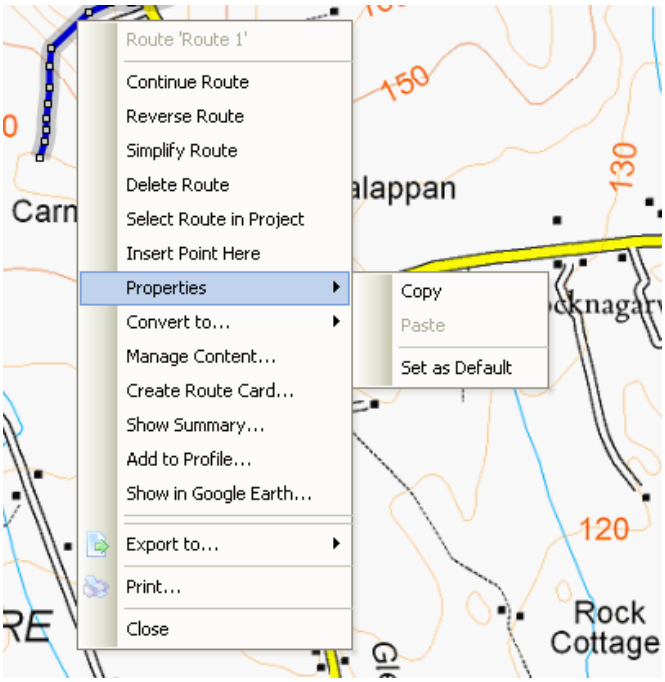
15.3 Delete Waypoint
This function deletes any chosen waypoint.

15.4 Select Waypoint in Project

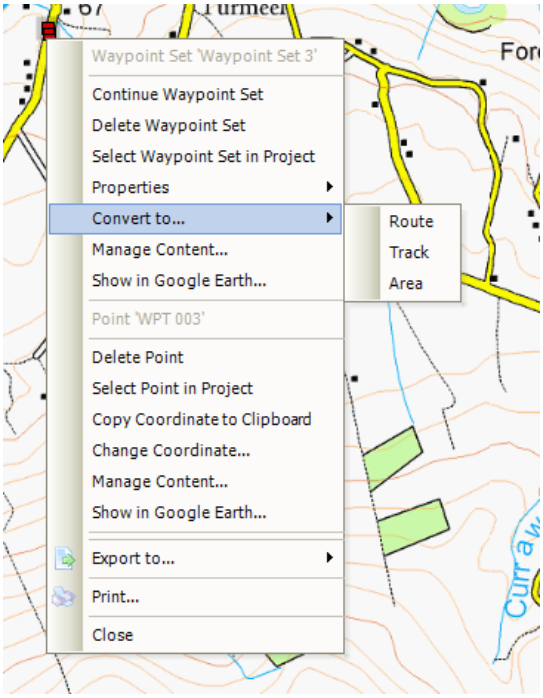
By clicking a waypoint in the project, Quo will display a cross hair over the waypoint. If you double click Quo will automatically display the selected waypoint in the centre of the screen.



15.5 Properties



15.6 Convert to



Waypoint set can be converted to a “Route, a “Track” or to an “Area. If “Route” is selected, a set of waypoints will be converted to a route. If “Track” is selected, set of waypoints will be converted into a track. If “Area” is selected, programme will connect starting and finishing waypoint, create and display an area.

15.7 Manage Content

Refer to section 14.10 of this report.

15.8 Show in Google Earth

Any chosen waypoint will be displayed in Google Earth’s view.

15.9 Delete Point

This function deletes any chosen point.

15.10 Select Point in Project

By clicking to a point in the project, Quo will automatically display that point.

15.11 Copy Coordinate to Clipboard

This will copy the coordinate to the clipboard which can then be pasted. For example into a word document or excel document.

15.12 Change Coordinate

This function enables easy and quick relocation to any coordinate on the map.

15.13 Manage Content

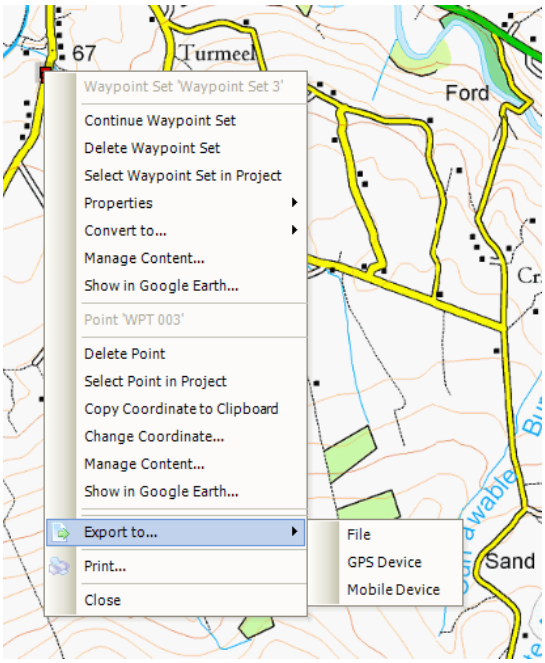
Refer to section 14.10.

15.14 Show in Google Earth

Any chosen point will be displayed in Google Earth's view.

15.15 Export to

Points can be exported to a file, GPS device or a mobile device.



15.16 Print

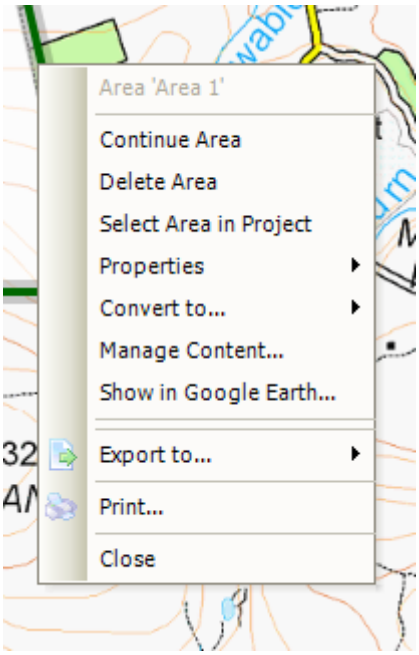
Refer to section 5.10 of this report.

15.17 Close

Choosing "Close" will close the "Right Click Point Menu".

16.0 Right Click Area Menu

16.1 Area



16.2 Continue Area Set

A set, finished or saved area can be continued from any point by “Continue Area Set” function. To finish creating area set again, right click and choose “End Area Here” or “End Area”.

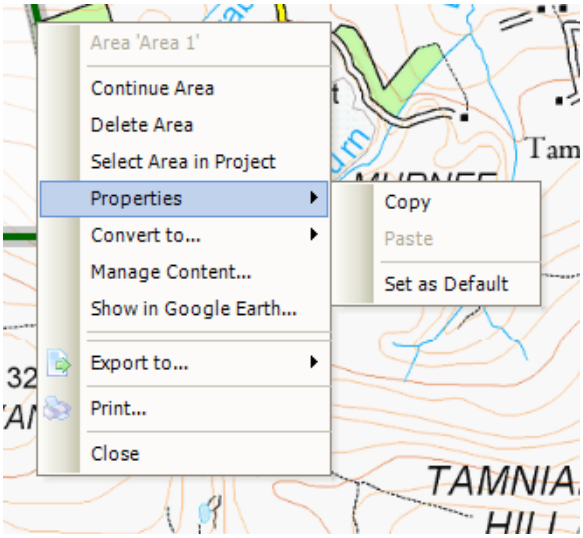
16.3 Delete Area

This function deletes chosen area.

16.4 Select Area in Project

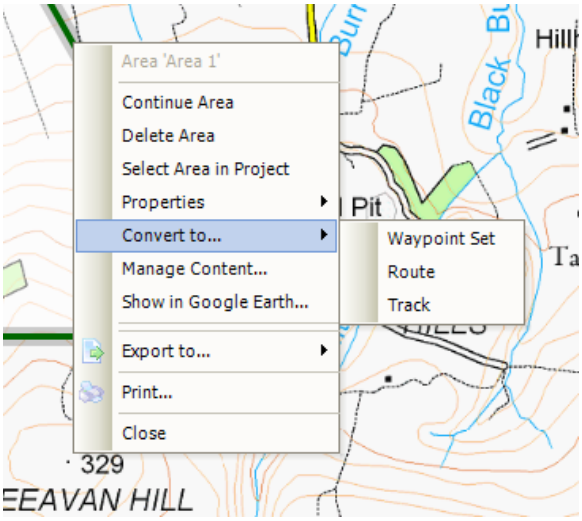
By clicking to any part of area’s borders.

16.5 Properties



16.6 Convert to

Area can be converted to a “Waypoint set”, a “Track” or to a “Route”. If “Waypoint set” is selected, a set of waypoints will be created along the route. If “Route” is selected, track will be converted into a route.



16.7 Manage Content

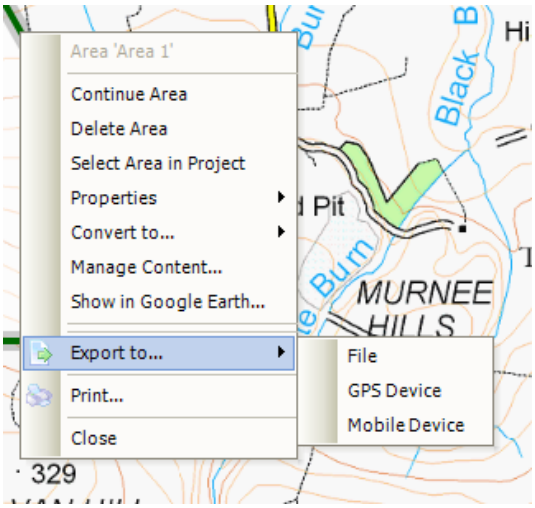
Refer to section 14.10 of this report.

16.8 Show in Google Earth

Chosen Area will be displayed in Google Earth's view.

16.9 Export to

Areas can be exported to a file, GPS device or a mobile device.



16.10 Print

Refer to section 5.10 of this report.

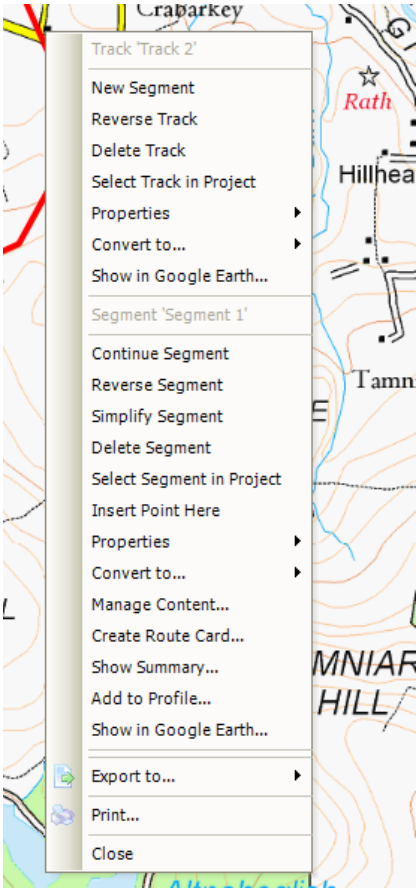
16.11 Close

Choosing "Close" will close the "Right Click Area Menu".

17.0 Right Click Track Menu

17.1 Track

Right-click on the track opens the following menu:



17.2 New Segment

A new segment can be added from any point of the track by choosing this option. Drawing of the new segment can be finished by right clicking the mouse and choosing “End Segment” or “End Segment Here”.

17.3 Reverse Track

This function reverses the chosen track.

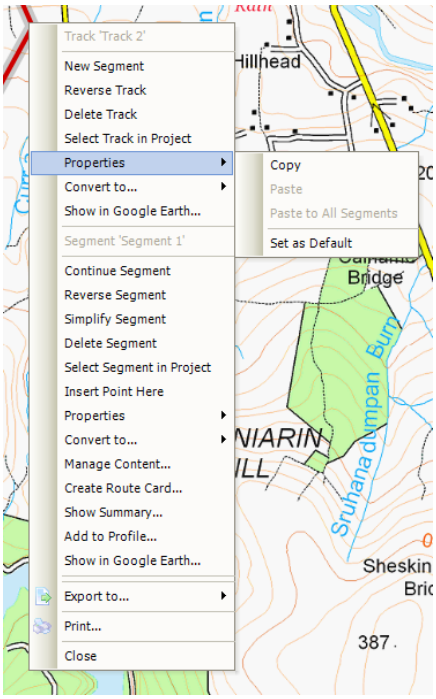
17.4 Delete Track

This function deletes chosen track.

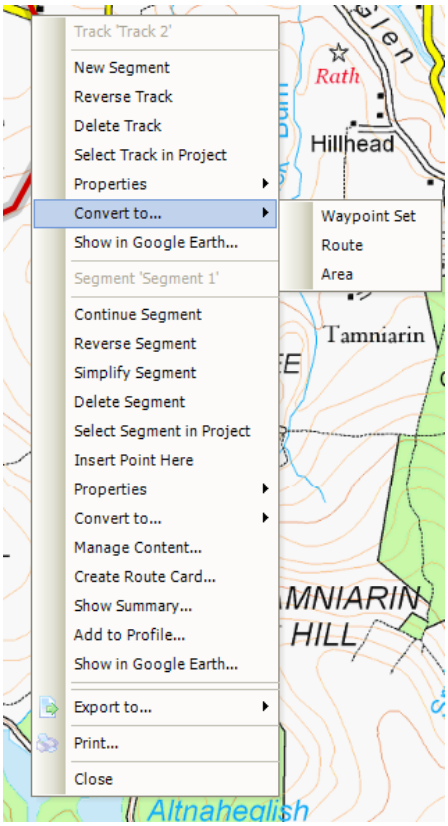
17.5 Select Track in Project

Selects by clicking on the track.

17.6 Properties



17.7 Convert to



A track can be converted to a “Waypoint set”, a “Route” or to an “Area. If “Waypoint set” is selected, a set of waypoints will be created along the route. If “Route” is selected, the track will be converted into a route. If “Area” is selected, Quo will connect track’s start and finish point and display the whole area.

17.8 Show in Google Earth
Chosen track will be displayed in Google Earth’s view.

17.9 Segment
Right-click on the segment opens the menu.

17.10 Continue Segment
A new segment of track can be added from any point on the track by choosing this option. Drawing of the new segment can be finished by right clicking the mouse and choosing “End Segment” or “End Segment Here”.

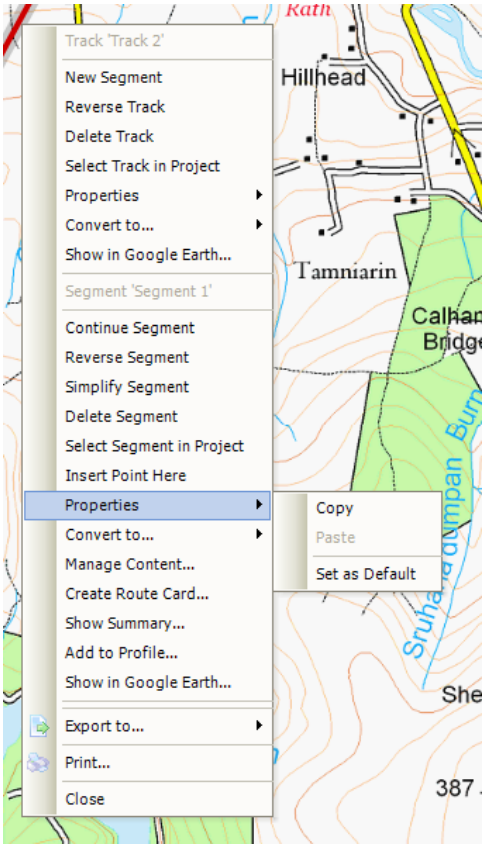
17.11 Reverse Segment
This function will reverse the current segment.

17.12 Simplify Segment
This will create a new segment with ‘simplified’ on the end with a reduced number of waypoints.

17.13 Delete Segment
This function deletes chosen segment.

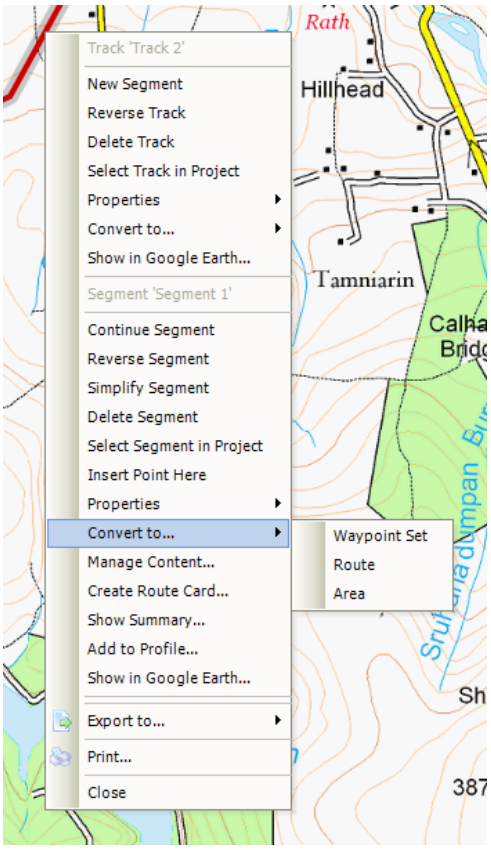
17.14 Insert Point Here
This function will insert a point at this location, this can also be done by using the mouse scroll button.

17.15 Properties



17.16 Convert to

A segment can be converted to a “Waypoint set”, a “Route” or to an “Area. If “Waypoint set” is selected, a set of waypoints will be created along the track segment. If “Route” is selected, the track will be converted into a route. If “Area” is selected, Quo will connect segment’s start and finish point and display the whole area.



17.17 Manage Content

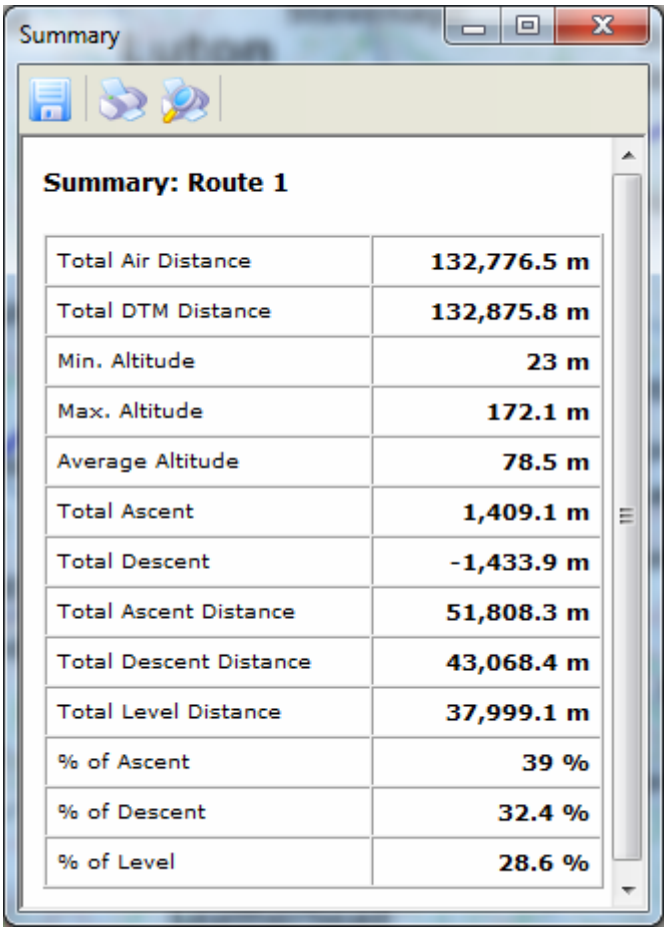
Refer to section 14.10 of this report.

17.18 Create Route Card

Refer to section 14.11 of this report.

17.19 Show Summary

When chosen, segment's summary is displayed as shown below.



17.20 Add to Profile

This function creates a detailed profile of the segment with distance and altitude displayed as well as route's summary as shown in 17.19.

17.21 Show in Google Earth

Refer to section 14.14 of this report.

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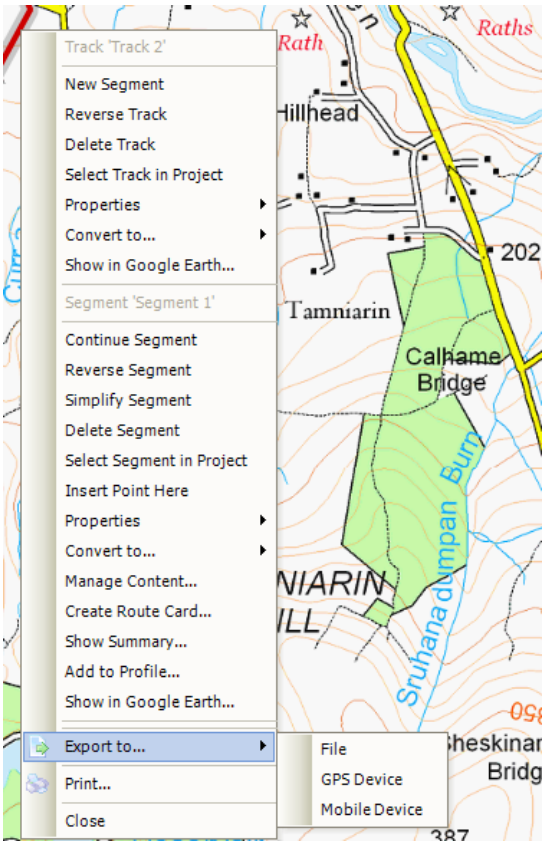
17.22 Export to



17.23 Print

Refer to section 5.10 of this report

17.24 Close

Choosing “Close” will close “Right -Click Segment Menu”

18.0 Appendix 1

File Format	Waypoints		Tracks		Routes	
	Read	Write	Read	Write	Read	Write
Alan Map500 tracklogs (.trl) alantrl			yes	yes		
Alan Map500 waypoints and routes (.wpr) alanwpr	yes	yes			yes	yes
Brauniger IQ Series Barograph Download baroiq			yes			
Bushnell GPS Trail file bushnell_trl			yes	yes		
Bushnell GPS Waypoint file bushnell	yes	yes				
Cambridge/Winpilot glider software cambridge	yes	yes				
CarteSurTable data file cst	yes		yes		yes	
Cetus for Palm/OS cetus	yes	yes	yes			
CoastalExplorer XML coastexp	yes	yes			yes	yes
Columbus/Visiontac V900 files (.csv) v900	yes		yes			
Comma separated values csv	yes	yes				
CompeGPS data files (.wpt/.trk/.rte) compegps	yes	yes	yes	yes	yes	yes
CoPilot Flight Planner for Palm/OS copilot	yes	yes				
cotoGPS for Palm/OS coto	yes	yes	yes			
Data Logger iBlue747 csv iblue747			yes	yes		
Dell Axim Navigation System (.gpb) file format axim_gpb			yes			
DeLorme .an1 (drawing) file an1	yes	yes		yes	yes	yes

File Format	Waypoints		Tracks		Routes	
	Read	Write	Read	Write	Read	Write
DeLorme GPL gpl			yes	yes		
DeLorme PN-20/PN-30/PN-40 USB protocol delbin	yes	yes	yes	yes	yes	yes
DeLorme Street Atlas Plus saplus	yes	yes				
DeLorme Street Atlas Route saroute			yes			
DeLorme XMap HH Native .WPT xmap	yes	yes				
DeLorme XMap/SAHH 2006 Native .TXT xmap2006	yes	yes				
DeLorme XMat HH Street Atlas USA .WPT (PPC) xmapwpt	yes	yes				
Destinator Itineraries (.dat) destinator_itn					yes	yes
Destinator Points of Interest (.dat) destinator_poi	yes	yes				
Destinator TrackLogs (.dat) destinator_trl			yes	yes		
EasyGPS binary format easygps	yes	yes				
Embedded Exif-GPS data (.jpg) exif	yes	yes				
Enigma binary waypoint file (.ert) enigma	yes	yes			yes	yes
FAI/IGC Flight Recorder Data Format igc			yes	yes	yes	yes
Franson GPSGate Simulation gpssim		yes		yes		yes
Fugawi fugawi	yes	yes				
G7ToWin data files (.g7t) g7towin	yes		yes		yes	
Garmin 301 Custom position and	yes	yes				

File Format	Waypoints		Tracks		Routes	
	Read	Write	Read	Write	Read	Write
heartrate garmin301						
Garmin Logbook XML glogbook			yes	yes		
Garmin MapSource - gdb gdb	yes	yes	yes	yes	yes	yes
Garmin MapSource - mps mapsource	yes	yes	yes	yes	yes	yes
Garmin MapSource - txt (tab delimited) garmin_txt	yes	yes	yes	yes	yes	yes
Garmin PCX5 pcx	yes	yes	yes	yes	yes	yes
Garmin POI database garmin_poi	yes	yes				
Garmin Points of Interest (.gpi) garmin_gpi	yes	yes				
Garmin serial/USB protocol garmin	yes	yes	yes	yes	yes	yes
Garmin Training Center (.tcx) gtrnctr	yes		yes	yes		
Geocaching.com .loc geo	yes	yes				
GeocachingDB for Palm/OS gcdb	yes	yes				
Geogrid-Viewer ascii overlay file (.ovl) ggv_ovl	yes	yes	yes	yes	yes	yes
Geogrid-Viewer tracklogs (.log) ggv_log			yes	yes		
GEOnet Names Server (GNS) geonet	yes	yes				
GeoNiche .pdb geoniche	yes	yes				
GlobalSat DG-100/BT-335 Download dg-100			yes			
Google Earth (Keyhole) Markup Language kml	yes	yes	yes	yes	yes	yes

File Format	Waypoints		Tracks		Routes	
	Read	Write	Read	Write	Read	Write
Google Maps XML google			yes			
Google Navigator Tracklines (.trl) gnav_trl			yes	yes		
GoPal GPS track log (.trk) gopal			yes	yes		
GpilotS gpilots	yes	yes				
GPS TrackMaker gtm	yes	yes	yes	yes	yes	yes
GPSBabel arc filter file arc	yes	yes				
GpsDrive Format gpsdrive	yes	yes				
GpsDrive Format for Tracks gpsdrivetrack	yes	yes				
GPSman gpsman	yes	yes				
GPSPilot Tracker for Palm/OS gpspilot	yes	yes				
gpsutil gpsutil	yes	yes				
GPX XML gpx	yes	yes	yes	yes	yes	yes
HikeTech hiketech	yes	yes	yes	yes		
Holux (gm-100) .wpo Format holux	yes	yes				
Holux M-241 (MTK based) Binary File Format m241-bin			yes			
Holux M-241 (MTK based) download m241			yes			
Honda/Acura Navigation System VP Log File Format vpl			yes			
HSA Endeavour Navigator export File hsandv	yes	yes				

File Format	Waypoints		Tracks		Routes	
	Read	Write	Read	Write	Read	Write
HTML Output html		yes				
Humminbird tracks (.ht) humminbird_ht	yes		yes	yes	yes	
Humminbird waypoints and routes (.hwr) humminbird	yes	yes	yes		yes	yes
IGN Rando track files ignrando			yes	yes		
iGO2008 points of interest (.upoi) igo2008_poi	yes	yes				
IGO8 .trk igo8			yes	yes		
Jelbert GeoTagger data file jtr			yes	yes		
Jogmap.de XML format jogmap			yes			
Kartex 5 Track File ktf2			yes	yes		
Kartex 5 Waypoint File kwf2	yes	yes				
Kompass (DAV) Track (.tk) kompass_tk			yes	yes		
Kompass (DAV) Waypoints (.wp) kompass_wp	yes	yes				
KuDaTa PsiTrex text psitrex	yes	yes	yes	yes	yes	yes
Lowrance USR lowranceusr	yes	yes	yes	yes	yes	yes
Magellan Explorist Geocaching maggeo	yes	yes				
Magellan Mapsend mapsend	yes	yes	yes	yes	yes	yes
Magellan NAV Companion for Palm/OS magnav	yes	yes				
Magellan SD files (as for eXplorist)	yes	yes	yes	yes	yes	yes

File Format	Waypoints		Tracks		Routes	
	Read	Write	Read	Write	Read	Write
magellanx						
Magellan SD files (as for Meridian) magellan	yes	yes	yes	yes	yes	yes
Magellan serial protocol magellan	yes	yes	yes	yes	yes	yes
MagicMaps IK3D project file (.ikt) ik3d	yes		yes			
Map&Guide 'TourExchangeFormat' XML tef					yes	
Map&Guide to Palm/OS exported files (.pdb) mag_pdb	yes				yes	
MapAsia track file (.tr7) mapasia_tr7			yes	yes		
Mapopolis.com Mapconverter CSV mapconverter	yes	yes				
MapTech Exchange Format mxf	yes	yes				
Memory-Map Navigator overlay files (.mmo) mmo	yes	yes	yes	yes	yes	yes
Microsoft AutoRoute 2002 (pin/route reader) msroute					yes	
Microsoft Streets and Trips (pin/route reader) msroute					yes	
Microsoft Streets and Trips 2002-2007 s_and_t	yes	yes				
Motorrad Routenplaner (Map&Guide) .bcr files bcr					yes	yes
MS PocketStreets 2002 Pushpin psp	yes	yes				
MTK Logger (iBlue 747,...) Binary File Format mtk-bin			yes			

File Format	Waypoints		Tracks		Routes	
	Read	Write	Read	Write	Read	Write
MTK Logger (iBlue 747,Qstarz BT-1000,...) download mtk			yes			
National Geographic Topo .tpg (waypoints) tpg	yes	yes				
National Geographic Topo 2.x .tpo tpo2			yes			
National Geographic Topo 3.x/4.x .tpo tpo3	yes		yes		yes	
Navicache.com XML navicache	yes					
Navigon Mobile Navigator .rte files nmn4					yes	yes
Navigon Waypoints navigonwpt	yes	yes				
NaviGPS GT-11/BGT-11 Download navilink	yes	yes	yes	yes	yes	yes
NaviGPS GT-31/BGT-31 datalogger (.sbp) sbp			yes			
NaviGPS GT-31/BGT-31 SiRF binary logfile (.sbn) sbn			yes			
Naviguide binary route file (.twl) naviguide	yes	yes				
Navitel binary track (.bin) navitel_trk			yes	yes		
Navitrak DNA marker format dna	yes	yes				
NetStumbler Summary File (text) netstumbler	yes					
NIMA/GNIS Geographic Names File nima	yes	yes				
NMEA 0183 sentences nmea	yes	yes	yes	yes		
Nokia Landmark Exchange	yes	yes				

File Format	Waypoints		Tracks		Routes	
	Read	Write	Read	Write	Read	Write
lmx						
OpenStreetMap data files osm	yes	yes		yes	yes	yes
OziExplorer ozi	yes	yes	yes	yes	yes	yes
PalmDoc Output palmdoc		yes				
PathAway Database for Palm/OS pathaway	yes	yes	yes	yes	yes	yes
PocketFMS breadcrumbs pocketfms_bc			yes	yes		
PocketFMS flightplan (.xml) pocketfms_fp	yes				yes	
PocketFMS waypoints (.txt) pocketfms_wp	yes	yes				
Quovadis quovadis	yes	yes				
Raymarine Waypoint File (.rwf) raymarine	yes	yes			yes	yes
Ricoh GPS Log File ricoh			yes	yes		
See You flight analysis data cup	yes	yes				
Skymap / KMD150 ascii files skyforce	yes	yes	yes	yes	yes	yes
SkyTraq Venus based loggers (download) skytraq	yes		yes			
SkyTraq Venus based loggers Binary File Format skytraq-bin	yes		yes			
Sportsim track files (part of zipped .ssz files) sportsim			yes	yes		
Suunto Trek Manager (STM) .sdf files stmsdf			yes	yes	yes	yes
Suunto Trek Manager (STM) WaypointPlus files	yes	yes	yes	yes	yes	yes

File Format	Waypoints		Tracks		Routes	
	Read	Write	Read	Write	Read	Write
stmwpp						
Swiss Map 25/50/100 (.xol) xol	yes	yes	yes	yes		
Tab delimited fields useful for OpenOffice, Ploticus etc. openoffice	yes	yes				
Teletype [Get Jonathon Johnson to describe teletype	yes	yes				
Textual Output text		yes				
TomTom Itineraries (.itn) tomtom_itn					yes	yes
TomTom POI file (.asc) tomtom_asc	yes	yes				
TomTom POI file (.ov2) tomtom	yes	yes				
TopoMapPro Places File tmpro	yes	yes				
TrackLogs digital mapping (.trl) dmtlog	yes	yes	yes	yes		
U.S. Census Bureau Tiger Mapping Service tiger	yes	yes				
Universal csv with field structure in first line unicsv	yes	yes	yes	yes	yes	yes
Vcard Output (for iPod) vcard		yes				
VidaOne GPS for Pocket PC (.gpb) vidaone			yes	yes		
Vito Navigator II tracks vitosmt	yes	yes	yes	yes	yes	yes
Vito SmartMap tracks (.vtt) vitovtt			yes			
WiFiFoFum 2.0 for PocketPC XML wfff	yes					

File Format	Waypoints		Tracks		Routes	
	Read	Write	Read	Write	Read	Write
Wintec TES file wintec_tes			yes			
Wintec WBT-100/200 Binary File Format wbt-bin			yes			
Wintec WBT-100/200 GPS Download wbt	yes		yes			
Wintec WBT-201/G-Rays 2 Binary File Format wbt-tk1			yes			
XAiOX iTrackU Logger itracku	yes		yes			
XAiOX iTrackU Logger Binary File Format itracku-bin	yes	yes	yes	yes		
Yahoo Geocode API data yahoo						

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